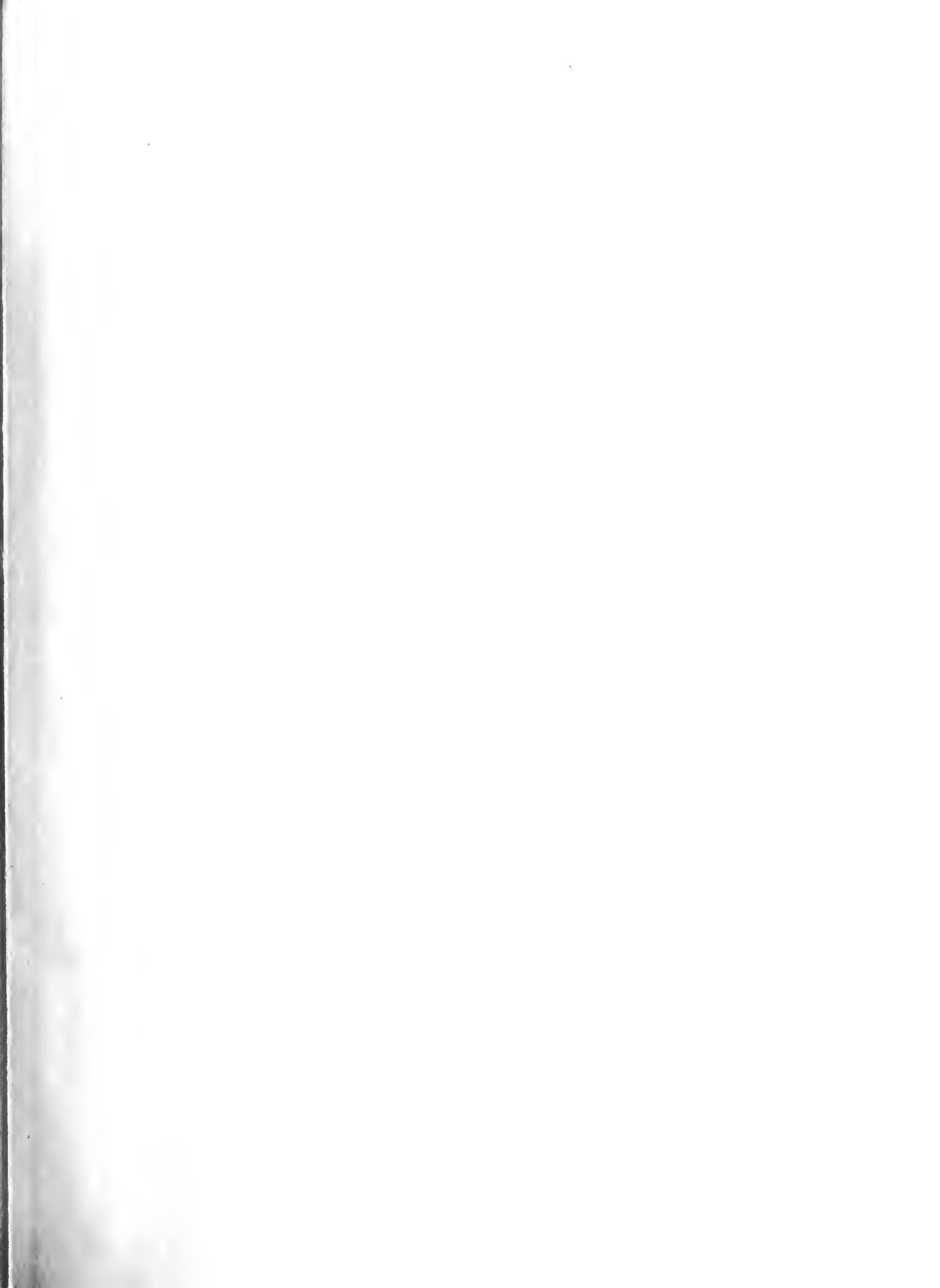


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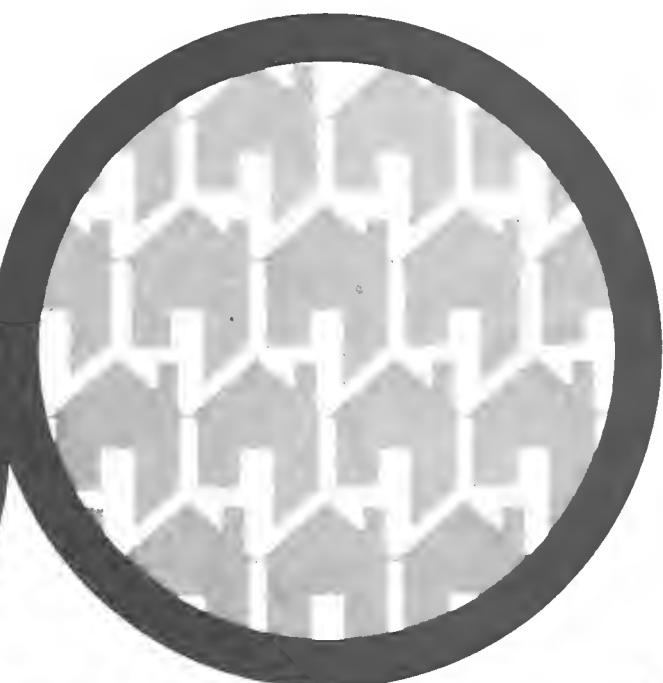
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Metropolitan Housing Characteristics

IOWA CITY, IOWA

STANDARD METROPOLITAN STATISTICAL AREA

1980



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1980 Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

IOWA CITY, IOWA

HC80-2-188

Issued October 1983



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Malcolm Baldrige, Secretary
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Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
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11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
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19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.	266	Northeast Pennsylvania
		190	Jackson, Miss.	230	Lynchburg, Va.	267	Norwalk, Conn.
151	Fall River, Mass.-R.I.			231	Macon, Ga.	268	Ocala, Fla.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	232	Madison, Wis.	269	Odessa, Tex.
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		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
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167	Gainesville, Fla.	208	Lake Charles, La.			283	Philadelphia, Pa.-N.J.
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176	Greensboro-Winston-Salem-High Point, N.C.	219	Lexington-Fayette, Ky.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	220	Lima, Ohio	257	New Haven-West Haven, Conn.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
178	Hagerstown, Md.			258	New London-Norwich, Conn.-R.I.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	221	Lincoln, Nebr.	259	New Orleans, La.	295	Pueblo, Colo.
180	Harrisburg, Pa.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	296	Racine, Wis.
		223	Long Branch-Asbury Park, N.J.			297	Raleigh-Durham, N.C.
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182	Hickory, N.C.	225	Lorain-Elyria, Ohio	262	Newark, Ohio	299	Redding, Calif.
183	Honolulu, Hawaii			263	Newburgh-Middletown, N.Y.	300	Reno, Nev.
184	Houston, Tex.	226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.		
185	Huntington-Ashland, W. Va.-Ky.-Ohio					301	Richland-Kennewick-Pasco, Wash.
186	Huntsville, Ala.					302	Richmond, Va.
						303	Riverside-San Bernardino-Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.
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315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.	356	Tulsa, Okla.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	357	Tuscaloosa, Ala.
318	San Angelo, Tex.	338	Springfield, Ill.	358	Tyler, Tex.
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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Metropolitan Housing Characteristics

IOWA CITY, IOWA

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-188

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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List of Tables—shows the table numbers and titles for each of the 68 tables	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
SMSA total	A	Pages 1 to 12	Pages	—	—	—	—
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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

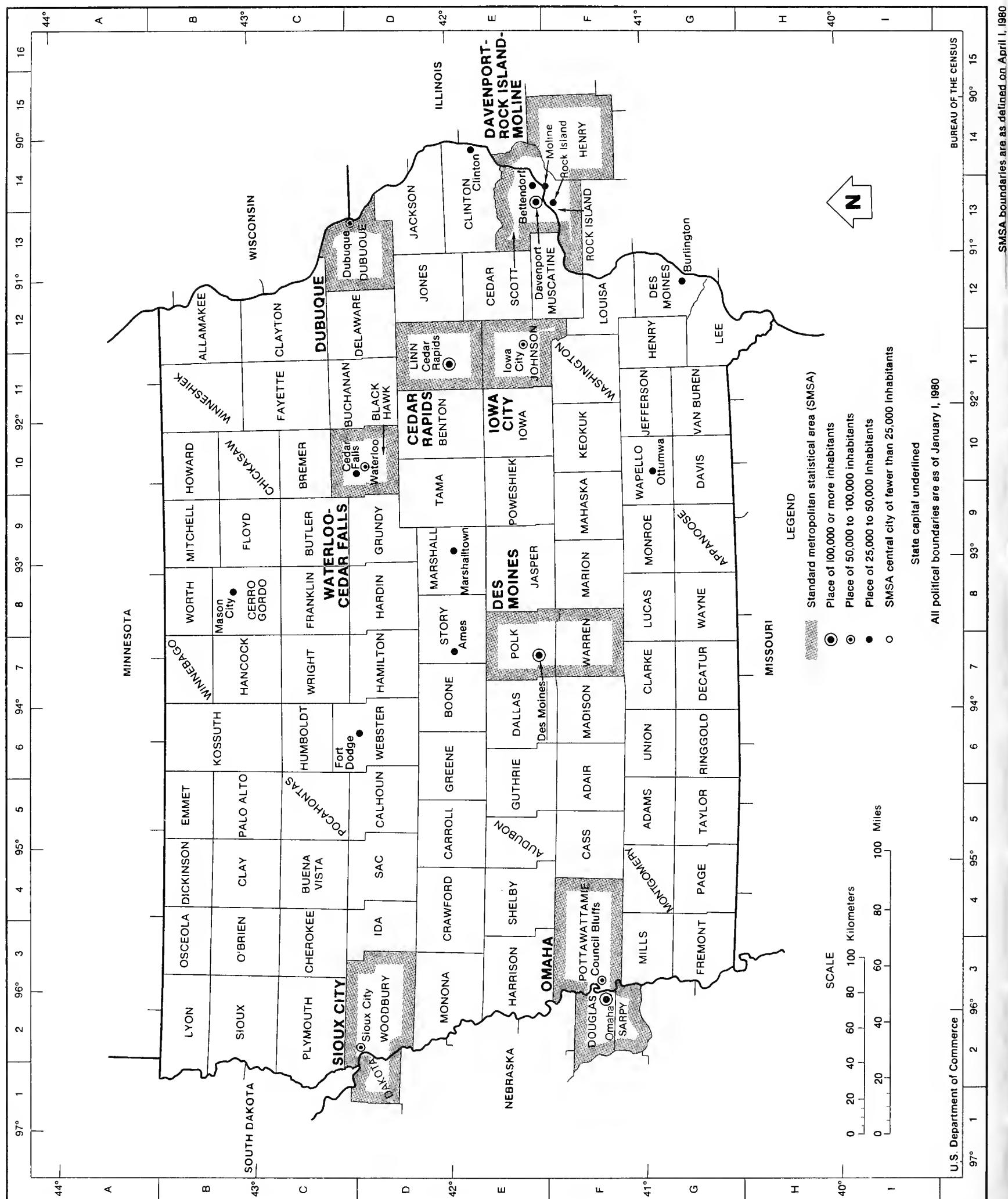
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

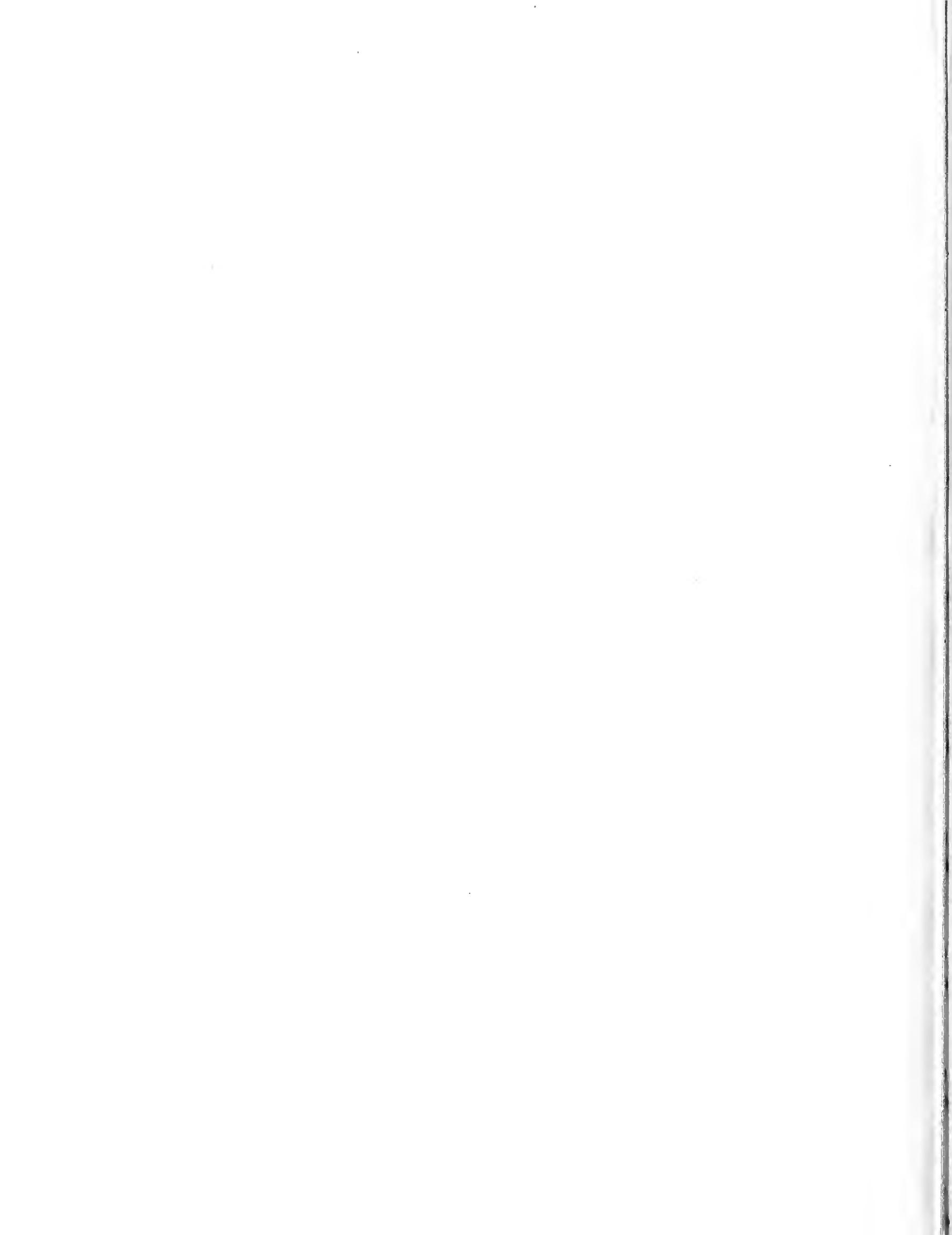


Table A—1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see Appendixes A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	11 443	49	182	598	1 157	1 690	2 381	3 125	1 294	822	145	58 600	63 000
15 to 24 years	8 677	20	70	341	647	1 173	1 868	2 611	1 110	709	128	61 300	66 200
25 to 34 years	134	5	4	11	12	40	32	30	—	—	—	49 100	48 500
35 to 44 years	2 521	6	16	72	129	373	775	854	202	86	8	58 700	61 600
45 to 64 years	2 091	—	4	22	113	201	296	753	400	275	27	69 300	74 500
65 years and over	2 910	8	7	116	250	388	542	793	423	295	88	62 800	69 400
Male householder, no wife present	1 021	1	39	120	143	171	223	181	85	53	5	51 200	54 200
15 to 24 years	898	8	32	72	144	125	166	186	77	71	17	55 700	59 700
25 to 34 years	95	—	—	8	18	7	8	30	2	22	—	65 700	66 700
35 to 44 years	350	7	6	30	37	67	87	77	33	6	—	55 700	54 700
45 to 64 years	119	—	2	2	17	21	17	38	7	15	—	60 100	62 900
65 years and over	190	—	3	7	28	26	32	26	33	21	14	59 800	75 300
Female householder, no husband present	144	1	21	25	44	4	22	15	2	7	3	36 300	44 400
15 to 24 years	1 868	21	80	185	366	392	347	328	107	42	—	46 600	49 600
25 to 34 years	36	1	—	—	—	10	14	4	7	—	—	57 500	62 600
35 to 44 years	279	—	—	14	34	74	99	41	17	—	—	51 400	51 300
45 to 64 years	238	—	—	16	32	34	28	94	25	9	—	61 400	60 900
65 years and over	542	3	31	27	114	124	100	84	38	21	—	46 100	51 100
Median age	773	17	49	128	186	150	106	105	20	12	—	40 500	43 800
YEAR HOUSEHOLDER MOVED INTO UNIT	44.4	57.2	70.6	62.5	57.6	45.8	39.5	40.0	44.0	44.9	49.5	...	...
1979 to March 1980	1 474	17	23	33	80	221	361	447	164	122	6	60 100	64 500
1975 to 1978	3 685	16	10	107	255	465	788	1 241	460	291	52	62 600	67 500
1970 to 1974	1 992	—	16	95	175	262	435	510	287	179	33	60 400	66 200
1960 to 1969	2 464	14	38	156	301	383	448	597	308	180	39	57 600	62 400
1959 or earlier	1 828	2	95	207	346	359	349	330	75	50	15	47 500	50 100
ROOMS													
1 to 3 rooms	163	18	21	36	34	11	27	10	6	—	—	31 500	34 500
4 rooms	886	13	52	174	257	155	110	102	15	8	—	37 700	41 000
5 rooms	2 435	15	45	176	446	676	639	320	93	25	—	47 800	48 900
6 rooms	2 432	1	56	120	229	450	634	754	129	59	—	55 200	56 200
7 rooms	2 248	2	5	65	146	228	479	827	350	127	19	64 000	66 800
8 or more rooms	3 279	—	3	27	45	170	492	1 112	701	603	126	75 400	83 300
Median	6.4	4.0	4.9	5.0	5.1	5.5	6.2	7.0	7.7	8.4	8.5+	...	...
BEDROOMS													
None	21	—	—	7	2	6	6	—	—	—	—	43 800	41 800
1	334	17	59	50	93	50	37	14	14	—	—	32 900	35 400
2	295	23	76	299	501	502	434	352	66	33	9	44 500	46 900
3	5 913	8	45	81	470	917	1 522	1 853	600	296	21	58 800	62 100
4	2 450	1	2	59	91	185	336	796	501	379	100	73 300	79 300
5 or more	430	—	—	2	—	30	46	110	113	114	15	83 900	90 900
YEAR STRUCTURE BUILT													
1975 to March 1980	1 942	11	—	27	42	102	301	771	375	269	44	71 900	78 500
1970 to 1974	1 474	9	6	17	50	110	409	507	203	132	31	64 200	70 500
1960 to 1969	2 909	15	9	44	138	452	610	962	401	249	29	62 800	67 400
1950 to 1959	1 776	8	22	106	230	420	429	363	108	73	17	52 100	56 100
1940 to 1949	688	—	13	75	143	156	116	127	36	8	14	47 200	52 000
1939 or earlier	2 654	6	132	329	554	450	516	395	171	91	10	47 100	50 200
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	519	21	60	96	76	99	81	49	31	6	—	40 700	42 100
\$5,000 to \$9,999	817	12	48	124	227	159	99	119	23	6	—	39 900	43 200
\$10,000 to \$12,499	518	3	17	42	99	142	93	103	13	6	—	46 600	48 600
\$12,500 to \$14,999	528	—	19	39	103	131	141	70	25	—	—	47 000	47 800
\$15,000 to \$19,999	1 489	7	12	90	214	311	410	332	73	35	5	52 600	54 200
\$20,000 to \$24,999	1 803	5	15	105	209	274	438	579	143	35	—	57 300	57 100
\$25,000 to \$34,999	2 761	1	11	67	175	379	731	940	301	141	15	60 300	63 900
\$35,000 to \$49,999	1 908	—	—	31	44	149	336	654	433	237	24	71 900	75 200
\$50,000 or more	1 100	—	—	4	10	46	52	279	252	356	101	93 200	99 800
Median	\$25 142	\$6 250	\$8 819	\$14 872	\$16 571	\$20 065	\$24 198	\$28 083	\$35 749	\$46 076	\$58 524	...	...
Mean	\$28 351	\$8 813	\$10 248	\$15 915	\$17 505	\$21 537	\$25 235	\$30 833	\$37 593	\$50 458	\$64 815	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	8 039	9	27	197	583	1 078	1 831	2 531	1 033	654	96	61 800	66 900
Less than 15 percent	2 313	1	2	32	174	282	495	639	367	292	29	64 300	71 000
15 to 19 percent	1 758	3	4	72	113	245	401	518	256	126	20	61 200	65 800
20 to 24 percent	1 327	—	5	44	67	184	284	504	121	111	7	62 100	66 100
25 to 29 percent	967	—	7	6	98	154	221	330	85	37	29	59 900	65 500
30 to 34 percent	657	—	3	2	58	87	180	216	71	34	6	59 900	63 900
35 percent or more	996	5	6	41	71	124	250	324	116	54	5	60 000	63 300
Not computed	21	—	—	—	2	2	—	—	17	—	—	86 500	80 200
Median	19.8	41.0	26.8	19.6	20.3	20.3	20.3	21.1	17.8	16.4	19.7	...	...
Not mortgaged	3 404	40	155	401	574	612	550	594	261	168	49	48 600	53 800
Less than 10 percent	1 611	14	44	132	208	232	284	348	159	141	49	55 900	62 600
10 to 14 percent	649	1	29	89	125	111	114	118	62	—	—	46 200	49 200
15 to 19 percent	381	3	26	73	66	97	37	50	15	14	—	41 800	45 900
20 to 24 percent	240	1	10	34	74	54	47	11	2	7	—	40 200	43 400
25 to 29 percent	124	3	5	17	23	41	13	20	2	—	—	42 100	42 600
30 to 34 percent	94	—	9	14	16	25	16	9	5	—	—	42 400	44 500
35 percent or more	274	9	32	42	54	46	34	35	16	6	—	40 000	43 400
Not computed	31	9	—	—	8	6	5	3	—	—	—	36 300	35 100
Median	10.6	15.8	15.9	13.8	13.0	13.2	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	11 385	41	163	592	1 140	1 689	2 374	3 125	1 294	8			

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	13 241	553	878	2 533	2 968	2 204	1 651	939	881	346	288	240
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 464	11	156	670	672	585	535	297	310	100	128	266
15 to 24 years	826	5	51	214	207	114	151	56	26	—	2	224
25 to 34 years	1 881	—	72	381	366	389	264	163	171	41	34	266
35 to 44 years	326	—	—	39	41	39	78	30	46	19	34	317
45 to 64 years	272	—	3	16	50	23	33	47	31	32	37	339
65 years and over	159	6	30	20	8	20	9	1	36	8	21	261
Male householder, no wife present	4 456	223	443	976	870	692	475	290	294	138	55	226
15 to 24 years	2 187	50	236	492	350	334	265	175	173	78	34	240
25 to 34 years	1 772	89	147	366	448	286	186	101	87	60	2	226
35 to 44 years	230	21	35	59	31	35	15	7	24	—	3	199
45 to 64 years	179	17	12	45	41	29	9	7	10	—	9	211
65 years and over	88	46	13	14	—	8	—	—	—	—	7	74
Female householder, no husband present	5 321	319	279	887	1 426	927	641	352	277	108	105	237
15 to 24 years	2 124	35	135	384	513	437	257	160	131	42	30	248
25 to 34 years	1 814	30	96	340	619	295	251	88	62	26	7	228
35 to 44 years	336	17	12	57	92	63	20	13	44	18	—	244
45 to 64 years	434	43	6	42	97	69	75	49	15	14	24	262
65 years and over	613	194	30	64	105	63	38	42	25	8	44	198
Median age	26.9	58.4	25.3	26.1	27.0	26.5	26.6	26.5	28.0	27.9	44.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	7 761	210	463	1 532	1 658	1 333	1 051	662	541	251	60	250
1975 to 1978	4 348	233	345	878	1 041	712	487	218	289	63	82	228
1970 to 1974	700	77	32	76	183	106	85	30	32	8	71	233
1960 to 1969	271	9	15	19	75	49	26	23	19	17	19	261
1959 or earlier	161	24	23	28	11	4	2	6	—	7	56	178
ROOMS												
1 room	937	183	288	343	92	20	—	3	—	—	8	148
2 rooms	2 154	101	268	876	692	148	40	13	—	—	16	192
3 rooms	2 902	189	187	751	1 204	350	125	47	31	7	11	210
4 rooms	4 276	56	108	412	690	1 281	980	396	250	32	71	284
5 rooms	1 628	10	16	116	158	269	365	309	283	50	52	330
6 rooms	706	—	—	23	97	110	85	91	185	83	32	362
7 or more rooms	638	14	11	12	35	26	56	80	132	174	98	427
Median	3.6	2.4	2.1	2.6	3.1	4.0	4.2	4.5	5.1	6.5	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	13 241	553	878	2 533	2 968	2 204	1 651	939	881	346	288	240
Complete plumbing for exclusive use	12 479	382	663	2 219	2 966	2 169	1 642	932	881	341	284	247
0.50 or less	8 094	316	379	1 268	2 099	1 508	1 108	491	521	177	227	247
0.51 to 1.00	4 145	66	265	868	817	614	510	435	349	164	57	252
1.01 to 1.50	142	—	6	40	32	34	24	6	—	—	—	234
1.51 or more	98	—	13	43	18	13	—	—	11	—	—	196
Locking complete plumbing for exclusive use	762	171	215	314	2	35	9	7	—	5	4	145
0.50 or less	312	16	34	231	2	20	—	—	—	5	4	166
0.51 to 1.00	421	155	168	77	—	5	9	7	—	—	—	120
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	29	—	13	6	—	10	—	—	—	—	—	193
Income in 1979 below poverty level	3 588	265	309	816	720	509	387	247	235	61	39	222
Complete plumbing for exclusive use	3 173	189	187	651	720	479	378	240	235	56	38	234
1.01 or more persons per room	118	—	19	33	26	23	—	6	11	—	—	209
Locking complete plumbing for exclusive use	415	76	122	165	—	30	9	7	—	5	1	156
1.01 or more persons per room	17	—	7	—	—	10	—	—	—	—	—	279
BEDROOMS												
None	1 097	199	323	446	98	20	—	3	—	—	8	155
1	5 008	293	441	1 480	1 981	481	141	72	47	15	57	205
2	5 496	55	103	556	755	1 567	1 339	615	377	52	76	290
3	1 189	6	—	51	107	113	143	206	363	121	79	383
4	352	—	—	—	11	23	20	39	94	125	40	467
5 or more	100	—	11	—	16	—	8	4	—	33	28	363
UNITS IN STRUCTURE												
1, detached or attached	1 861	9	56	104	262	257	284	248	278	220	143	330
2	1 613	53	66	208	304	263	292	142	191	54	40	279
3 and 4	1 064	21	47	205	242	257	140	47	77	11	17	252
5 to 9	2 633	173	241	703	672	307	259	167	86	—	25	210
10 to 49	4 733	210	346	775	1 281	958	595	303	213	38	14	238
50 or more	1 023	87	61	461	172	113	54	23	29	23	—	176
Mobile home or trailer, etc.	314	—	61	77	35	49	27	9	7	—	49	192
YEAR STRUCTURE BUILT												
1975 to March 1980	1 913	119	70	132	148	240	424	378	260	91	51	326
1970 to 1974	2 266	50	37	327	727	372	385	112	181	58	17	248
1960 to 1969	4 065	83	196	897	1 088	902	467	166	142	53	71	235
1950 to 1959	1 504	57	97	403	358	185	132	96	72	49	55	221
1940 to 1949	930	70	161	178	180	141	73	43	48	33	3	213
1939 or earlier	2 563	174	317	596	467	364	170	144	178	62	91	213
STORIES IN STRUCTURE												
1 to 3	12 310	507	730	2 043	2 853	2 152	1 622	924	869	323	287	247
4 or more	931	46	148	490	115	52	29	15	12	23	168	169
With elevator	532	20	10	401	41	6	10	8	12	23	1	169
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	1 514	136	143	286	325	244	166	58	102	54	...	224
15 to 19 percent	1 874	76	94	389	539	319	244	101	60	52	...	234
20 to 24 percent	1 910	116	67	299	490	314	252	174	157	41	...	247
25 to 29 percent	1 509	121	124	244	331	294	214	85	71	25	...	235
30 to 34 percent	890	14	53	163	188	152	111	87	77	45	...	258
35 to 49 percent	1 961	40	192	369	396	351	255	145	167	46	...	247
50 percent or more	2 991	36	159	667	661	496	386	274	229	83	...	248
Not computed	592	14	46	116	38	34	23	15	18	—	288	178
Median	28.4	22.5	29.5	29.8	26.7	28.5	28.6	32.5	32.7	30.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment	13 227	547	878	2 533	2 960	2 204	1 651	939	881	346	288	240
Central heating system	12 839	513	807	2 466	2 860	2 134	1 641	934	866	341	277	242
Air conditioning	9 385	266	302	1 553	2 166	1 744	1 435	741	673	269	236	259
Central system	4 011	88	82	484	660	853	757	408	392	174	113	288

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		16 341	920	1 460	1 047	936	2 261	2 438	3 597	2 251	1 431	23 194	26 475	
Owner-occupied housing units	16 341	920	1 460	1 047	936	2 261	2 438	3 597	2 251	1 431	23 194	26 475	759	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	11 774	216	572	476	508	1 530	1 961	3 196	1 997	1 318	26 644	30 497	282	
15 to 24 years	383	9	53	35	59	108	69	42	8	—	16 250	17 178	9	
25 to 34 years	3 235	45	81	108	130	668	815	985	308	95	23 601	25 238	83	
35 to 44 years	2 626	15	14	20	64	203	418	946	583	363	30 795	34 916	28	
45 to 64 years	4 096	81	143	126	127	369	462	1 067	964	757	31 779	36 027	116	
65 years and over	1 434	66	281	187	128	182	197	156	134	103	16 495	22 032	46	
Male householder, no wife present	1 677	201	217	188	131	315	213	198	133	81	16 282	19 542	152	
15 to 24 years	299	45	53	69	20	63	33	16	—	—	11 866	12 685	56	
25 to 34 years	633	44	68	52	59	141	111	83	51	24	17 716	20 240	39	
35 to 44 years	222	25	30	25	17	42	24	11	34	14	16 842	21 226	16	
45 to 64 years	307	23	28	25	23	53	26	61	34	34	20 288	25 789	16	
65 years and over	216	64	38	17	12	16	19	27	14	9	10 882	16 383	25	
Female householder, no husband present	2 890	503	671	383	297	416	264	203	121	32	11 769	14 109	325	
15 to 24 years	135	21	56	18	10	9	21	—	—	—	9 234	11 103	29	
25 to 34 years	493	63	65	94	92	85	34	42	18	—	13 166	14 752	51	
35 to 44 years	350	34	51	40	14	99	37	31	35	9	16 525	18 423	50	
45 to 64 years	845	57	152	109	91	163	110	103	39	21	15 536	17 604	32	
65 years and over	1 067	328	347	122	90	60	62	27	29	2	7 642	10 009	163	
Median age	44.3	64.8	62.5	50.8	45.3	36.2	37.2	40.7	46.2	48.4	...	...	47.3	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	2 392	130	245	222	139	511	378	454	217	96	19 531	21 887	148	
1975 to 1978	5 318	158	286	286	320	795	997	1 383	667	426	24 171	27 293	163	
1970 to 1974	2 672	90	151	80	124	394	335	670	519	309	26 833	30 552	88	
1960 to 1969	3 208	222	293	178	159	256	408	692	586	414	26 043	29 210	119	
1959 or earlier	2 751	320	485	281	194	305	320	398	262	186	16 357	21 731	241	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	16 225	886	1 438	1 030	913	2 256	2 434	3 590	2 247	1 431	23 284	26 581	732	
1.01 or more persons per room	201	10	6	7	10	51	44	30	31	12	21 875	26 211	16	
Lacking complete plumbing for exclusive use	116	34	22	17	23	5	4	7	4	—	10 294	11 548	27	
1.01 or more persons per room	5	—	—	—	3	—	2	—	—	—	17 083	20 450	—	
Heating equipment	16 333	920	1 460	1 047	936	2 261	2 438	3 589	2 251	1 431	23 186	26 472	759	
Central heating system	15 607	849	1 350	966	890	2 129	2 325	3 504	2 186	1 408	23 533	26 776	706	
Air conditioning	12 729	529	998	698	706	1 676	1 935	1 936	1 299	24 555	28 189	410		
Central system	7 662	146	388	290	361	869	1 126	2 004	1 419	1 059	28 106	32 082	151	
Vehicles available	15 607	647	1 218	959	908	2 217	2 402	3 585	2 246	1 425	23 880	27 305	600	
1	5 073	422	826	530	452	910	716	688	398	131	16 567	18 974	276	
2 or more	10 534	225	392	429	456	1 307	1 686	2 897	1 848	1 294	27 249	31 317	324	
House heating fuel	16 333	920	1 460	1 047	936	2 261	2 438	3 589	2 251	1 431	23 186	26 472	759	
Utility gas	12 597	595	1 113	758	714	1 663	1 925	2 797	1 864	1 168	23 827	27 111	468	
Bottled, tank, or LP gas	1 832	150	184	148	136	308	177	467	163	99	19 793	22 402	149	
Electricity	703	51	38	43	32	96	121	124	94	104	24 101	32 467	39	
Fuel oil, kerosene, etc.	890	108	115	77	36	121	162	143	89	39	19 538	21 163	92	
Other	311	16	10	21	18	73	53	58	41	21	21 287	26 245	11	
Median rooms	6.2	4.8	4.9	5.1	5.2	5.7	6.2	6.6	7.1	8.0	...	...	5.1	
Specified owner-occupied housing units	11 443	519	817	518	528	1 489	1 803	2 761	1 908	1 100	25 142	28 351	383	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	8 039	162	252	267	264	1 117	1 371	2 314	1 485	807	27 028	30 305	188	
Less than \$200	190	20	28	23	9	32	36	30	12	—	17 500	17 472	5	
\$200 to \$249	376	18	37	27	15	74	62	104	28	11	20 985	22 987	16	
\$250 to \$299	675	17	32	65	46	106	82	200	109	18	24 271	25 072	13	
\$300 to \$349	1 002	28	35	46	62	166	171	302	151	41	24 653	26 144	43	
\$350 to \$399	929	20	20	22	44	134	151	265	68	26 319	29 555	31		
\$400 to \$449	2 084	37	44	42	59	372	401	634	330	165	25 886	28 825	39	
\$500 to \$599	1 362	2	29	23	17	134	259	434	290	174	28 929	33 791	14	
\$600 to \$749	1 008	10	18	8	12	85	142	278	236	219	30 992	37 951	10	
\$750 or more	413	10	9	11	—	14	67	124	111	35 679	40 512	17		
Median	\$441	\$346	\$341	\$320	\$350	\$414	\$450	\$439	\$469	\$558	...	...	\$377	
Not mortgaged	3 404	357	565	251	264	372	432	447	423	293	18 389	23 738	195	
Less than \$50	11	3	6	—	2	—	—	—	—	—	6 042	7 652	4	
\$50 to \$74	43	19	14	2	3	—	4	1	—	—	6 250	8 056	4	
\$75 to \$99	253	72	66	29	23	30	12	11	3	7	9 129	11 837	39	
\$100 to \$124	598	102	206	67	41	76	75	27	4	—	9 741	11 804	63	
\$125 to \$149	650	84	146	28	80	85	77	93	52	5	14 594	17 305	50	
\$150 to \$199	1 004	54	79	90	94	126	159	190	184	28	22 049	23 439	22	
\$200 to \$249	446	14	25	17	12	43	66	88	95	86	30 746	35 645	4	
\$250 or more	399	9	23	18	11	10	39	37	85	167	44 315	49 227	9	
Median	\$157	\$121	\$124	\$150	\$145	\$148	\$165	\$174	\$191	\$250+	...	...	\$120	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	8 039	162	252	267	264	1 117	1 371	2 314	1 485	807	27 028	30 305	188	
Less than 15 percent	2 313	—	—	5	38	142	605	874	649	40 239	44 998	—		
15 to 19 percent	1 758	—	5	13	10	152	256	839	367	116	30 111	31 615	7	
20 to 24 percent	1 327	3	—	24	30	205	334	552	156	23	25 865	26 962	—	
25 to 29 percent	967	5	8	30	72									

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Household income in 1979													Income in 1979 below poverty level
Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	Median (dollars)	Mean (dollars)
13 879	3 209	3 432	1 673	1 385	1 894	1 045	767	290	184	10 446	12 511	3 657	
3 899	313	711	470	465	712	549	427	164	88	14 949	16 936	407	
869	106	210	130	173	124	86	37	3	—	12 279	12 470	109	
2 021	146	381	244	241	417	289	234	50	19	14 984	16 130	201	
407	27	52	45	15	71	73	80	38	6	19 536	19 924	55	
414	17	27	45	18	57	81	64	64	41	21 629	25 633	25	
188	17	41	6	18	43	20	12	9	22	16 667	20 626	17	
4 579	1 281	1 214	512	367	592	277	199	75	62	8 895	11 311	1 522	
2 224	838	571	274	174	187	70	50	29	31	6 739	9 542	1 035	
1 844	364	489	196	162	341	130	125	17	20	10 880	12 475	411	
230	23	52	27	17	26	54	15	16	—	14 412	15 552	28	
180	12	66	15	7	31	16	9	13	11	12 000	17 878	13	
101	44	36	—	7	7	7	—	—	—	6 250	7 655	35	
5 401	1 615	1 507	691	553	590	219	141	51	34	8 558	10 333	1 728	
2 130	800	678	239	128	154	71	38	16	6	6 882	9 229	1 013	
1 855	331	467	321	276	279	105	38	19	19	11 009	11 864	352	
336	56	116	34	24	83	16	7	—	—	9 756	10 594	84	
458	92	99	50	91	42	21	38	16	9	11 900	13 743	91	
622	336	147	47	34	32	6	20	—	—	4 768	6 895	188	
27.1	24.6	26.2	26.8	27.2	28.1	29.2	30.6	37.3	34.4	...	...	24.2	
7 925	2 113	2 122	850	787	904	564	375	119	91	9 303	11 577	2 553	
4 495	883	1 014	651	457	796	330	224	93	47	11 346	12 765	907	
794	109	200	76	73	114	100	87	17	18	12 911	15 594	119	
387	49	50	55	53	54	30	53	36	7	14 363	17 667	37	
278	55	46	41	15	26	21	28	25	21	12 317	19 030	41	
13 088	2 769	3 199	1 613	1 372	1 894	1 021	746	290	184	10 893	12 919	3 242	
8 492	1 935	2 009	1 091	868	1 257	640	373	192	127	10 692	12 683	1 891	
4 346	764	1 121	494	476	609	367	366	92	57	11 457	13 509	1 227	
152	34	35	22	26	15	14	—	6	—	10 795	11 678	76	
98	36	34	6	2	13	—	7	—	—	8 456	9 177	48	
791	440	233	60	13	—	24	21	—	—	4 497	5 752	415	
322	185	69	31	7	—	15	15	—	—	4 302	6 359	164	
440	248	154	29	—	—	9	—	—	—	4 453	4 936	234	
—	—	—	—	—	—	—	—	—	—	—	—	—	
29	7	10	—	6	—	—	6	—	—	6 875	11 397	17	
13 865	3 203	3 424	1 673	1 385	1 894	1 045	767	290	184	10 457	12 516	3 657	
13 315	3 103	3 287	1 596	1 328	1 812	1 006	723	276	184	10 419	12 501	3 539	
9 656	2 153	2 207	1 106	1 051	1 373	776	591	255	144	11 058	13 197	2 374	
4 070	781	789	414	423	609	454	313	167	120	12 801	15 615	894	
11 675	1 977	2 825	1 520	1 291	1 824	1 026	746	290	176	11 703	13 732	2 562	
7 571	1 682	2 234	1 109	784	1 055	355	236	75	41	9 693	11 007	1 758	
4 104	295	591	411	507	769	671	510	215	135	16 676	18 759	804	
13 865	3 203	3 424	1 673	1 385	1 894	1 045	767	290	184	10 457	12 516	3 657	
10 516	2 354	2 612	1 293	1 100	1 445	765	590	230	127	10 565	12 544	2 708	
738	87	169	62	70	135	85	83	40	7	14 321	15 748	124	
1 852	652	430	253	128	185	107	47	20	30	7 746	10 256	701	
531	101	129	38	61	79	70	35	—	18	12 336	15 043	103	
228	9	84	27	26	50	18	12	—	2	11 944	13 250	21	
3.7	2.8	3.5	3.7	3.9	4.1	4.5	4.7	5.0	4.9	...	...	3.3	
13 241	3 171	3 335	1 629	1 330	1 773	916	678	260	149	10 176	12 105	3 588	
784	452	236	32	7	27	19	11	—	—	4 508	5 755	335	
1 655	535	544	233	122	140	46	35	—	—	7 066	8 372	480	
3 387	1 022	870	492	398	381	121	91	12	—	8 766	9 337	950	
2 826	511	783	388	348	435	187	143	19	12	10 767	12 441	650	
2 139	354	512	220	190	353	264	165	51	30	12 312	14 295	548	
1 029	101	183	121	136	219	136	66	49	18	14 513	16 008	272	
637	85	120	76	51	79	98	59	57	12	14 338	16 968	185	
371	29	46	45	33	55	36	43	41	43	18 346	23 680	96	
125	8	7	—	14	21	4	34	14	23	30 201	30 612	33	
288	74	34	22	31	63	5	31	17	11	13 629	16 212	39	
\$211	\$172	\$200	\$205	\$217	\$236	\$264	\$259	\$340	\$388	...	...	\$201	
553	357	172	17	—	7	—	—	—	—	4 172	4 481	265	
878	431	276	79	22	31	17	22	—	—	5 096	6 520	309	
2 533	908	779	350	208	195	60	33	—	—	7 010	7 833	816	
2 968	619	824	455	386	468	137	64	3	12	10 225	11 213	720	
2 204	345	573	305	265	340	188	148	40	—	11 508	12 793	509	
1 651	241	336	162	192	310	192	148	34	36	13 626	15 303	387	
939	104	204	88	112	162	149	82	33	5	14 141	15 143	247	
881	78	103	142	80	142	127	82	92	35	15 910	19 313	235	
346	14	34	9	34	55	41	68	41	50	23 409	27 747	61	
288	74	34	22	31	63	5	31	17	11	13 629	16 212	39	
\$240	\$189	\$221	\$231	\$256	\$271	\$314	\$319	\$413	\$446	...	...	\$222	
1 514	24	102	54	52	310	270	383	187	132	23 568	27 901	16	
1 874	21	110	218	365	579	355	164	56	6	16 611	17 738	62	
1 910	87	221	458	362	471	223	88	—	—	13 805	14 549	133	
1 509	128	521	369	250	194	42	5	—	—	10 715	10 891	198	
890	47	421	169	127	102	17	7	—	—	9 772	10 456	80	
1 961	351	1 171	264	118	53	4	—	—	—	7 328	7 792	491	
2 991	2 135	755	75	25	1	—	—	—	—	3 636	3 794	2 265	
592	378	34	22	31	63	5	31	17	11	2500	7 851	343	
28.4	50+	37 7	26.0	23.2	19.7	17.6	14.0	12.7	10—	...	...	50+	

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

Specified owner-occupied housing units -----

PERSONS IN UNIT

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
1 person -----	8 039	190	376	675	1 002	929	2 084	1 362	1 008	413	441
2 persons -----	703	75	60	85	105	60	170	57	56	35	372
3 persons -----	1 954	47	143	209	256	277	439	297	226	60	409
4 persons -----	1 749	30	74	143	196	243	499	332	172	60	442
5 persons -----	2 237	26	39	179	314	212	612	371	365	119	455
6 persons -----	1 000	9	38	39	101	96	258	228	135	96	484
7 persons -----	262	3	22	11	9	19	96	35	30	37	472
8 or more persons -----	97	—	—	9	21	2	8	36	15	6	524
Median -----	37	—	—	—	—	20	2	6	9	—	396
	3.28	1.93	2.40	2.80	3.21	3.02	3.37	3.48	3.64	3.93	...

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families -----	6 562	111	275	475	760	747	1 762	1 206	869	357	451
15 to 24 years -----	122	—	—	9	9	15	54	14	13	8	466
25 to 34 years -----	2 456	28	46	111	203	297	796	559	333	83	471
35 to 44 years -----	1 964	19	58	112	232	196	480	358	327	182	471
45 to 64 years -----	1 863	50	142	223	309	217	391	266	189	76	398
65 years and over -----	157	14	29	20	7	22	41	9	7	8	369
Male householder, no wife present -----	634	18	38	85	75	75	140	82	86	35	421
15 to 24 years -----	75	—	—	17	15	—	8	26	—	9	484
25 to 34 years -----	310	3	17	38	24	26	93	44	49	16	454
35 to 44 years -----	89	7	6	13	13	14	19	2	7	8	370
45 to 64 years -----	138	—	8	10	23	35	20	10	30	2	390
65 years and over -----	22	8	7	7	—	—	—	—	—	—	221
Female householder, no husband present -----	843	61	63	115	167	107	182	74	53	21	357
15 to 24 years -----	30	—	—	6	2	8	7	7	7	444	...
25 to 34 years -----	267	9	2	46	38	30	100	22	18	2	408
35 to 44 years -----	214	—	25	25	41	37	38	26	13	9	372
45 to 64 years -----	247	25	20	36	69	32	29	19	15	2	331
65 years and over -----	85	27	16	8	13	6	7	—	8	248	...
Median age -----	38.0	54.2	48.5	43.3	42.1	38.6	34.8	35.2	37.2	39.0	...

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 -----	1 354	23	11	56	105	99	344	274	309	133	514
1975 to 1978 -----	3 393	40	84	182	249	330	1 046	766	521	175	480
1970 to 1974 -----	1 618	21	62	155	301	258	444	195	104	78	402
1960 to 1969 -----	1 458	59	172	256	328	217	213	116	72	25	337
1959 or earlier -----	216	47	47	26	19	25	37	11	2	2	277

ROOMS

1 to 3 rooms -----	99	10	4	24	12	13	25	11	—	—	348
4 rooms -----	351	37	61	75	52	41	55	16	10	4	302
5 rooms -----	1 469	56	120	217	273	202	357	117	93	34	367
6 rooms -----	1 677	48	101	133	267	168	506	311	103	40	424
7 rooms -----	1 677	32	41	121	235	231	391	362	186	78	448
8 or more rooms -----	2 766	7	49	105	163	274	750	545	616	257	506
Median -----	6.8	5.4	5.5	5.7	6.1	6.7	6.8	7.1	7.9	8.1	...

YEAR STRUCTURE BUILT

1975 to March 1980 -----	1 809	16	14	34	82	104	475	522	391	171	534
1970 to 1974 -----	1 284	11	4	85	129	105	394	266	227	63	476
1960 to 1969 -----	2 239	35	118	221	308	335	558	295	250	119	420
1950 to 1959 -----	986	69	72	116	181	159	239	88	51	11	367
1940 to 1949 -----	362	14	50	58	36	58	96	15	13	22	370
1939 or earlier -----	1 359	45	118	161	266	168	322	176	76	27	377

VALUE

Less than \$10,000 -----	9	—	—	6	3	—	—	—	—	—	288
\$10,000 to \$19,999 -----	27	13	2	6	—	6	—	—	—	—	213
\$20,000 to \$29,999 -----	197	12	22	22	53	45	40	3	—	—	340
\$30,000 to \$39,999 -----	583	63	79	136	146	50	77	11	21	—	305
\$40,000 to \$49,999 -----	1 078	43	119	159	210	175	294	41	37	—	352
\$50,000 to \$59,999 -----	1 831	44	92	223	281	200	603	303	67	18	415
\$60,000 to \$79,999 -----	2 531	12	53	107	245	308	736	584	369	117	475
\$80,000 to \$99,999 -----	1 033	3	9	10	41	113	277	196	260	124	532
\$100,000 to \$149,999 -----	654	—	—	6	23	38	51	202	223	111	605
\$150,000 or more -----	96	—	—	—	—	7	22	31	43	726	...
Median -----	\$61 800	\$41 200	\$47 200	\$50 400	\$52 800	\$59 700	\$60 400	\$69 600	\$80 700	\$93 200	...

SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent -----	2 313	107	219	371	405	331	432	276	153	19	358
15 to 19 percent -----	1 758	30	66	115	253	268	535	259	178	54	425
20 to 24 percent -----	1 327	13	23	50	126	134	412	302	204	63	478
25 to 29 percent -----	967	13	13	42	91	82	290	237	112	87	487
30 to 34 percent -----	657	18	13	41	42	29	192	123	148	51	497
35 percent or more -----	996	7	40	56	85	78	223	165	203	139	505
Not computed -----	21	2	2	—	—	7	—	—	10	—	396
Median -----	19.8	13.3	13.7	14.3	16.9	17.4	20.9	22.4	24.1	29.1	...

SELECTED CHARACTERISTICS

Heating equipment -----	8 039	190	376	675	1 002	929	2 084	1 362	1 008	413	441
Steam or hot water system -----	710	10	22	63	72	113	167	129	100	34	444
Central warm-air furnace or electric heat pump -----	6 972	159	336	553	892	774	1 817	1 206	862	373	442
Other built-in electric units -----	88	7	—	—	15	2	16	14	28	6	329
Floor, wall, or pipeless furnace -----	51	—	9	2	10	18	12	—	—	—	363
Other means -----	218	14	9	57							

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	3 404	11	43	253	598	650	1 004	446	399	157
PERSONS IN UNIT										
1 person	895	5	36	123	259	179	215	49	29	128
2 persons	1 657	5	7	105	276	340	540	211	173	159
3 persons	474	1	—	12	44	89	141	108	79	182
4 persons	233	—	—	13	17	21	88	44	50	187
5 persons	96	—	—	—	—	19	13	9	55	250+
6 persons	35	—	—	—	—	2	5	15	13	235
7 persons	9	—	—	—	—	—	2	7	—	218
8 or more persons	5	—	—	—	2	—	—	3	—	208
Median	1.99	1.60	1.10	1.53	1.64	1.93	2.03	2.32	2.49	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	2 115	6	4	79	274	422	666	330	334	170
15 to 24 years	12	—	—	3	3	4	2	—	—	125
25 to 34 years	65	3	—	3	15	25	2	17	—	136
35 to 44 years	127	2	—	—	6	24	49	21	25	182
45 to 64 years	1 047	1	—	26	100	167	362	182	209	182
65 years and over	864	—	4	47	150	202	251	110	100	156
Male householder, no wife present	264	5	19	39	49	29	65	28	30	142
15 to 24 years	20	—	—	8	—	—	4	8	—	175
25 to 34 years	40	3	—	10	2	3	21	1	—	155
35 to 44 years	30	—	—	—	10	—	11	2	7	173
45 to 64 years	52	—	—	—	21	—	11	9	11	173
65 years and over	122	2	19	21	16	26	18	8	12	128
Female householder, no husband present	1 025	—	20	135	275	199	273	88	35	135
15 to 24 years	6	—	—	1	—	—	5	—	—	170
25 to 34 years	12	—	—	—	—	—	10	2	—	180
35 to 44 years	24	—	—	—	15	—	2	7	—	120
45 to 64 years	295	—	9	17	69	72	76	27	25	143
65 years and over	688	—	11	117	191	127	180	52	10	130
Median age	64.7	29.6	72.3	73.6	68.2	66.2	63.5	61.6	59.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	120	3	—	11	29	12	38	22	5	157
1975 to 1978	292	3	7	38	19	55	59	43	68	170
1970 to 1974	374	2	—	18	56	54	144	52	48	170
1960 to 1969	1 006	1	13	61	159	167	296	141	168	167
1959 or earlier	1 612	2	23	125	335	362	467	188	110	147
ROOMS										
1 to 3 rooms	64	—	1	12	21	20	10	—	—	123
4 rooms	535	5	26	123	137	106	100	23	15	121
5 rooms	966	6	6	66	189	233	352	71	43	148
6 rooms	755	—	8	38	150	185	215	114	45	150
7 rooms	571	—	2	14	81	69	165	123	117	186
8 or more rooms	513	—	—	—	20	37	162	115	179	216
Median	5.7	4.6	4.3	4.4	5.2	5.4	5.7	6.6	7.3	...
YEAR STRUCTURE BUILT										
1975 to March 1980	133	—	1	12	8	24	27	29	32	190
1970 to 1974	190	3	—	17	11	16	69	37	37	185
1960 to 1969	670	4	—	22	62	75	221	145	141	189
1950 to 1959	790	—	—	26	121	169	277	109	88	164
1940 to 1949	326	—	—	33	80	59	108	29	17	146
1939 or earlier	1 295	4	42	143	316	307	302	97	84	137
VALUE										
Less than \$10,000	40	7	—	10	12	10	1	—	—	106
\$10,000 to \$19,999	155	—	11	48	67	20	8	1	—	107
\$20,000 to \$29,999	401	2	20	85	115	87	74	9	9	120
\$30,000 to \$39,999	574	2	11	69	186	148	120	25	13	128
\$40,000 to \$49,999	612	—	1	22	137	157	240	49	6	148
\$50,000 to \$59,999	550	—	—	—	64	151	215	79	41	164
\$60,000 to \$79,999	594	—	—	19	15	60	253	170	77	190
\$80,000 to \$99,999	261	—	—	—	2	5	81	82	91	226
\$100,000 to \$149,999	168	—	—	—	—	12	12	31	113	250+
\$150,000 or more	49	—	—	—	—	—	—	49	49	250+
Median	\$48 600	\$10000—	\$24 900	\$27 500	\$35 700	\$43 500	\$52 700	\$66 700	\$88 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	1 611	5	15	91	185	287	514	257	257	172
10 to 14 percent	649	—	7	48	118	125	215	92	44	156
15 to 19 percent	381	3	11	33	96	59	124	33	22	145
20 to 24 percent	240	—	6	31	68	53	50	21	11	132
25 to 29 percent	124	—	4	17	35	25	14	12	17	131
30 to 34 percent	94	—	—	7	29	29	9	7	13	134
35 percent or more	274	—	—	26	56	55	78	24	35	150
Not computed	31	—	—	—	11	17	—	—	—	127
Median	10.6	10—	14.6	13.7	14.6	11.2	10—	10—	10—	...
SELECTED CHARACTERISTICS										
Heating equipment	3 404	11	43	253	598	650	1 004	446	399	157
Steam or hot water system	401	1	—	17	29	49	134	73	98	189
Central warm-air furnace or electric heat pump	2 748	8	31	197	490	542	834	368	278	156
Other built-in electric units	25	—	—	—	—	4	9	5	7	197
Floor, wall, or pipeless furnace	52	—	1	9	17	9	16	—	—	124
Other means	178	2	11	30	62	46	11	—	16	119
Air conditioning	2 540	6	11	118	392	500	814	354	345	165
Central system	1 238	—	1	32	89	192	407	242	275	187
1 or more individual room units	1 302	6	10	86	303	308	407	112	70	145
House heating fuel	3 404	11	43	253	598	650	1 004	446	399	157
Utility gas	2 902	6	36	216	534	564	831	385	330	156
Bottled, tank, or LP gas	214	2	1	13	31	25	85	32	25	171
Electricity	65	—	—	—	2	4	32	6	21	191
Fuel oil, kerosene, etc.	175	3	—	14	27	46	41	23	21	149
Other	48	—	6	10	4	11	15	—	2	134

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families

	Owner-occupied housing units					Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
16 341	3 007	2 263	3 993	3 001	4 077		13 879	1 929	2 294	4 088	2 559	3 009

Male householder, no wife present

	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
11 774	2 370	1 769	2 915	1 963	2 757		3 899	550	509	1 317	735	788
383	106	91	94	56	36		869	124	173	256	188	128
3 235	1 077	644	588	386	540		2 021	262	239	814	386	320
2 626	598	540	684	259	545		407	69	24	132	82	100
4 096	505	399	1 213	881	1 098		414	62	57	70	65	160
1 434	84	95	336	381	538		188	33	16	45	14	36
1 677	309	227	411	363	367		4 579	663	761	1 218	788	1 149
299	80	66	98	26	29		2 224	385	422	592	401	424
633	137	95	149	147	105		1 844	209	272	432	339	592
222	37	27	38	85	35		230	32	30	80	23	65
307	51	35	72	57	92		180	11	28	84	25	32
216	4	4	54	48	106		101	26	9	30	—	—
2 890	328	267	667	675	953		5 401	716	1 024	1 553	1 036	1 072
135	36	26	45	24	4		2 130	385	475	573	354	343
493	113	98	131	105	46		1 855	128	345	543	402	437
350	56	43	122	46	83		336	8	74	128	68	58
845	99	72	199	217	258		458	95	49	135	125	54
1 067	24	28	170	283	562		622	100	81	174	87	180
44.3	34.7	36.5	45.5	52.1	54.6		27.1	25.8	25.6	27.4	27.1	28.3

YEAR HOUSEHOLDER MOVED INTO UNIT

	Total	1979 to March 1980	1975 to 1978	1970 to 1974	1960 to 1969	1959 or earlier	Total	1979 to March 1980	1975 to 1978	1970 to 1974	1960 to 1969	1959 or earlier
2 392	995	345	450	278	324		7 925	1 347	1 463	2 317	1 345	1 453
5 318	2 012	931	1 079	621	675		4 495	582	683	1 373	922	935
2 672	—	987	697	457	531		794	—	148	259	156	231
3 208	—	—	1 767	567	874		387	—	—	139	70	178
2 751	—	—	—	1 078	1 673		278	—	—	—	66	212

ROOMS

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 or more rooms	Median	28	111	435	2 123	3 411	3 127	7 106	6.2
28	13	9	4	2	—		947	68	145	257	204	273					
111	26	2	68	15	—		2 154	231	372	819	339	393					
435	56	68	133	69	109		2 938	266	513	981	581	597					
2 123	441	329	503	468	382		4 327	848	842	1 411	675	551					
3 411	608	455	824	919	605		1 738	346	293	389	361	349					
3 127	540	374	662	521	1 030		853	88	73	146	158	388					
7 106	1 323	1 026	1 799	1 007	1 951		922	82	56	85	241	458					
6.2	6.2	6.2	6.2	5.6	6.4		3.7	4.0	3.6	3.5	3.7	3.9					

PLUMBING FACILITIES BY PERSONS PER ROOM

	Total	Complete plumbing for exclusive use	Locking complete plumbing for exclusive use	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
16 225	2 992	2 263	3 968	2 992	4 010		13 088	1 856	2 271	3 805	2 419	2 737			
11 565	1 913	1 425	2 819	2 305	3 103		8 492	1 199	1 396	2 327	1 632	1 938			
4 459	1 017	821	1 098	679	844		4 346	623	852	1 350	750	771			
161	49	17	40	2	53		152	13	17	66	37	19			
40	13	—	11	6	10		98	21	6	62	—	9			
116	15	—	25	9	67		791	73	23	283	140	272			
89	8	—	19	5	57		322	26	6	198	27	65			
22	7	—	4	4	7		440	47	17	79	107	190			
2	—	—	2	—	—		—	—	—	—	—	—			
3	—	—	—	—	3		29	—	—	6	6	17			

PERSONS IN UNIT

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 or more persons	Median	Total persons		
2 702	368	217	604	623	890		5 804	596	932		
5 328	795	601	1 354	1 178	1 400		4 889	761	860		
3 054	648	487	653	590	676		1 757	369	323		
3 149	742	604	813	408	582		917	162	471		
1 363	283	279	384	161	256		357	30	23		
745	171	75	185	41	273		155	11	9		
2.55	3.03	3.14	2.56	2.24	2.32		1.73	1.98	1.75		
47 299	9 258	7 275	11 660	7 628	11 478		26 868	4 174	4 273		
								7 567	4 920	5 934	

UNITS IN STRUCTURE

	Total	1, detached or attached	2	3 and 4	5 to 9	10 to 49	50 or more	Mobile home or trailer, etc.
13 913	2 349	1 694	3 351	2 726	3 793		2 499	138
377	64	21	57	83	152		1 613	289
122	37	2	10	33	40		1 064	140
106	48	—	6	14	38		2 633	306
142	21	25	5	37	54		4 733	837
60	—	7	53	—	—		1 023	136
1 621	488	514	511	108	—		314	83

SELECTED CHARACTERISTICS

	Total	16 333	2 999	2 263	3 993	3 001	4 077	13 865	1 929	2 286	4 088	2 559	3 003

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Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8)

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	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	16 341	13 913	807	1 621	13 879	2 499	1 613	1 064	2 633	4 733	1 023	314
Condominium housing units	207	81	126	—	133	—	3	3	48	44	35	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	11 774	10 675	358	741	3 899	1 227	520	238	549	1 038	155	172
15 to 24 years	383	166	10	207	869	174	99	68	146	287	56	39
25 to 34 years	3 235	2 794	133	308	2 021	492	316	128	317	601	68	99
35 to 44 years	2 626	2 504	39	83	407	233	34	19	45	46	7	23
45 to 64 years	4 096	3 887	94	115	414	255	37	14	33	64	—	11
65 years and over	1 434	1 324	82	28	188	73	34	9	8	40	24	—
Male householder, no wife present	1 677	1 075	159	443	4 579	659	493	360	929	1 629	433	76
15 to 24 years	299	95	40	164	2 224	262	219	151	461	846	245	40
25 to 34 years	633	405	43	185	1 844	350	230	165	344	588	132	35
35 to 44 years	222	141	20	61	230	14	22	18	67	83	26	—
45 to 64 years	307	251	29	27	180	13	21	16	41	63	25	1
65 years and over	216	183	27	6	101	20	1	10	16	49	5	—
Female householder, no husband present	2 890	2 163	290	437	5 401	613	600	466	1 155	2 066	435	66
15 to 24 years	135	42	4	89	2 130	150	142	161	498	974	179	26
25 to 34 years	493	299	28	166	1 855	278	278	194	386	591	105	7
35 to 44 years	350	267	44	39	336	59	42	58	60	97	13	—
45 to 64 years	845	665	70	110	458	70	64	18	58	194	52	2
65 years and over	1 067	890	144	33	622	56	74	35	153	210	86	8
Median age	44.3	45.9	55.2	29.0	27.1	29.3	28.0	27.1	26.3	26.0	25.7	27.6
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 392	1 646	171	575	7 925	1 194	809	693	1 540	2 855	680	154
1975 to 1978	5 318	4 271	250	797	4 495	704	643	327	832	1 606	268	115
1970 to 1974	2 672	2 377	109	186	794	253	65	16	196	172	47	45
1960 to 1969	3 208	3 046	105	57	387	169	52	28	31	79	28	—
1959 or earlier	2 751	2 573	172	6	278	179	44	—	34	21	—	—
ROOMS												
1 room	28	27	1	—	947	32	21	54	250	451	139	—
2 rooms	111	22	54	35	2 154	86	88	146	608	894	326	6
3 rooms	435	184	64	187	2 938	188	350	231	640	1 151	334	44
4 rooms	2 123	1 115	189	819	4 327	410	597	379	801	1 799	149	192
5 rooms	3 411	2 807	174	430	1 738	496	350	181	237	377	47	50
6 rooms	3 127	2 916	106	105	853	536	140	21	85	42	20	9
7 or more rooms	7 106	6 842	219	45	922	751	67	52	12	19	8	13
Median	6.2	6.5	5.0	4.2	3.7	5.6	4.1	3.8	3.2	3.4	2.6	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	16 225	13 817	787	1 621	13 088	2 468	1 594	1 034	2 458	4 475	746	313
0.50 or less	11 565	9 806	634	1 125	8 492	1 579	1 128	729	1 590	2 788	433	245
0.51 to 1.00	4 459	3 883	135	441	4 346	839	462	301	799	1 598	279	68
1.01 to 1.50	161	109	8	44	152	41	4	2	31	67	7	—
1.51 or more	40	19	10	11	98	9	—	2	38	22	—	—
Locking complete plumbing for exclusive use	116	96	20	—	791	31	19	30	175	258	277	1
0.50 or less	89	84	5	—	322	12	10	5	36	33	225	1
0.51 to 1.00	22	7	15	—	440	19	3	15	126	225	52	—
1.01 to 1.50	2	2	—	—	—	—	—	—	—	—	—	—
1.51 or more	3	3	—	—	29	—	6	10	13	—	—	—
BEDROOMS												
None	32	27	5	—	1 107	32	45	69	286	517	158	—
1	835	404	209	222	5 039	388	517	378	1 198	1 860	637	61
2	4 187	2 805	290	1 092	5 669	808	845	501	907	2 203	204	201
3	7 368	6 872	199	297	1 440	787	137	95	218	140	24	39
4	3 201	3 141	50	10	492	378	64	10	24	3	—	13
5 or more	718	664	54	—	132	106	5	11	—	10	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	920	690	84	146	3 209	226	267	207	837	1 181	413	78
\$5,000 to \$9,999	1 460	1 043	119	298	3 432	443	343	326	662	1 330	266	62
\$10,000 to \$12,499	1 047	738	59	250	1 673	311	160	95	331	602	141	33
\$12,500 to \$14,999	936	674	53	209	1 385	271	194	82	270	500	41	27
\$15,000 to \$19,999	2 261	1 823	124	314	1 894	453	295	191	297	547	78	33
\$20,000 to \$24,999	2 438	2 112	108	218	1 045	309	156	101	121	279	33	46
\$25,000 to \$34,999	3 597	3 289	142	166	767	286	139	28	101	139	39	35
\$35,000 to \$49,999	2 251	2 179	57	15	290	117	43	15	8	95	12	—
\$50,000 or more	1 431	1 365	61	5	184	83	16	19	6	60	—	—
Median	\$23 194	\$24 716	\$18 189	\$13 894	\$10 446	\$14 986	\$12 970	\$9 985	\$8 514	\$9 461	\$6 184	\$11 288
Mean	\$26 475	\$28 008	\$22 993	\$15 048	\$12 511	\$17 718	\$13 955	\$12 456	\$9 746	\$11 685	\$8 409	\$12 815
SELECTED CHARACTERISTICS												
Heating equipment	16 333	13 905	807	1 621	13 865	2 499	1 613	1 058	2 633	4 725	1 023	314
Steam or hot water system	1 612	1 419	185	8	3 754	214	196	247	795	1 930	365	7
Central warm-air furnace or electric heat pump	13 564	11 483	576	1 505	8 618	1 898	1 342	701	1 585	2 348	456	288
Other built-in electric units	267	237	7	23	719	46	32	76	125	275	160	5
Floor, wall, or pipeless furnace	164	130	6	28	224	61	18	—	67	61	8	9
Other means	726	636	33	57	550	280	25	34	61	111	34	5
Air conditioning	12 729	10 727	616	1 386	9 656	1 312	1 083	642	1 705	3 787	893	234
Central system	7 662	6 799	278	585	4 070	396	445	346	541	1 655	604	83
Vehicles available	15 607	13 368	716	1 523	11 675	2 369	1 431	871	2 038	3 987	722	257
1	5 073	3 895	360	818	7 571	934	847	595	1 537	2 954	585	119
2 or more	10 534	9 473	356	705	4 104	1 435	584	276	501	1 033	137	138
House heating fuel	16 333	13 905	807	1 621	13 865	2 499	1 613	1 058	2 633	4 725	1 023	314
Utility gas	12 597	10 576	667	1 354	10 516	1 567	1 451	794	2 126	3 613	741	224
Bottled, tank, or LP gas	1 832	1 601	68	163	738	434	31	32	54	93	10	84
Electricity	703	633	37	33	1 852	134	97	184	342	823	267	5
Fuel oil, kerosene, etc.	890	812	21	57	531	271	28	31	80	121	—	—
Other	311	283	14	14	228	93	6	17	31	75	5	1
Water heating fuel	16 307	13 879	807	1 621	13 818	2 480	1 610	1 064	2 626	4 701	1 023	314
Utility gas	11 843	10 124	632	1 087	9 468	1 399	1 469	745	1 903	3 050	690	212
Bottled, tank, or LP gas	1 433	1 233										

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	16 341	2 702	5 328	3 054	3 149	1 363	463	169	113	2.55	47 299
Nonrelatives present	947	—	490	180	160	58	17	26	16	2.47	2 799
ROOMS											
1 to 3 rooms	574	365	130	25	32	22	—	—	—	1.29	978
4 rooms	2 123	757	955	280	104	14	13	—	—	1.82	4 229
5 rooms	3 411	660	1 441	641	487	147	29	6	—	2.23	8 657
6 rooms	3 127	457	1 050	733	609	171	76	13	18	2.58	8 706
7 rooms	2 730	254	789	590	675	259	111	34	18	3.05	8 780
8 or more rooms	4 376	209	963	785	1 242	750	234	116	77	3.69	15 949
Median	6.2	4.8	5.6	6.3	7.0	7.7	7.5	8.5+	7.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	16 225	2 659	5 277	3 045	3 145	1 363	457	169	110	2.56	47 052
1.00 or less	16 024	2 659	5 264	3 037	3 113	1 327	417	150	57	2.53	45 934
1.01 to 1.50	161	—	—	8	27	14	40	19	53	6.29	949
1.51 or more	40	—	13	—	5	22	—	—	—	4.59	169
Lacking complete plumbing for exclusive use	116	43	51	9	4	—	6	—	3	1.79	247
1.00 or less	111	43	51	9	4	—	4	—	—	1.75	199
1.01 to 1.50	2	—	—	—	—	—	2	—	—	6.00	13
1.51 or more	3	—	—	—	—	—	—	—	3	8.5+	35
UNITS IN STRUCTURE											
1, detached or attached	13 913	1 890	4 437	2 689	2 939	1 278	436	147	97	2.73	41 636
2 or more	807	281	281	80	90	40	7	22	6	1.94	1 976
Mobile home or trailer, etc.	1 621	531	610	285	120	45	20	—	10	1.96	3 687
VALUE											
Specified owner-occupied housing units	11 443	1 598	3 611	2 223	2 470	1 096	297	106	42	2.73	33 480
Less than \$10,000	49	21	17	4	4	3	—	—	—	1.71	173
\$10,000 to \$19,999	182	89	62	15	10	4	2	—	—	1.53	405
\$20,000 to \$29,999	598	164	247	81	60	29	11	4	2	2.05	1 466
\$30,000 to \$39,999	1 157	375	421	172	114	47	10	18	—	1.98	2 545
\$40,000 to \$49,999	1 690	311	638	325	251	105	49	4	7	2.34	4 440
\$50,000 to \$59,999	2 381	276	774	581	490	185	43	20	12	2.74	7 023
\$60,000 to \$79,999	3 125	238	889	653	855	362	83	24	21	3.17	10 045
\$80,000 to \$99,999	1 294	71	318	272	369	196	47	21	—	3.45	4 452
\$100,000 to \$149,999	822	44	186	101	270	154	52	15	—	3.80	2 493
\$150,000 or more	145	9	59	19	47	11	—	—	—	2.74	438
Median	\$58 600	\$44 600	\$55 100	\$58 800	\$66 100	\$69 200	\$68 700	\$63 200	\$60 000	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	16 341	2 702	5 328	3 054	3 149	1 363	463	169	113	2.55	47 299
Median income	\$23 194	\$10 328	\$21 745	\$25 420	\$29 071	\$30 016	\$32 588	\$32 500	\$25 583	...	...
Median selected monthly owner costs as percentage of household income	17.6	26.2	15.1	17.7	18.2	17.9	15.0	14.3	16.2	...	...
With a mortgage	19.8	32.6	19.1	20.2	19.2	18.8	16.1	14.7	16.9	...	...
Not mortgaged	10.6	20.3	10—	10—	10—	10—	10—	11.8	10.8	...	...
Income in 1979 below poverty level	759	311	194	74	110	31	14	4	21	1.85	...
Median income	\$3 141	\$2500—	\$3 351	\$2500—	\$5 250	\$5 375	\$6 786	\$11 250	\$7 292	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	49.0	50+	50+	50+	17.5	...
With a mortgage	50+	50+	50+	50+	50+	49.0	50+	50+	50+	17.5	...
Not mortgaged	47.3	48.1	43.0	50+	37.0	—	—	—	—	...	...
Renter-occupied housing units	13 879	5 804	4 889	1 757	917	357	118	29	8	1.73	26 868
Nonrelatives present	3 343	—	2 138	781	304	76	44	—	—	2.28	8 496
ROOMS											
1 room	947	891	42	8	—	6	—	—	—	1.03	1 008
2 rooms	2 154	1 586	472	58	38	—	—	—	—	1.18	2 826
3 rooms	2 938	1 693	1 033	146	33	31	2	—	—	1.37	4 337
4 rooms	4 327	1 058	2 252	763	228	26	—	—	—	1.99	8 761
5 rooms	1 738	420	621	376	256	58	—	7	—	2.22	4 206
6 rooms	853	85	318	165	152	71	40	20	2	2.64	2 613
7 or more rooms	922	71	151	241	210	165	76	2	6	3.49	3 117
Median	3.7	2.8	3.9	4.4	5.1	6.3	7.7	5.9	6.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	13 088	5 139	4 815	1 739	895	345	118	29	8	1.79	25 900
1.00 or less	12 838	5 139	4 780	1 673	834	294	116	2	—	1.77	24 917
1.01 to 1.50	152	—	—	58	33	26	—	27	8	4.05	657
1.51 or more	98	—	35	8	28	25	2	—	—	3.71	326
Lacking complete plumbing for exclusive use	791	665	74	18	22	12	—	—	—	1.09	968
1.00 or less	762	665	67	18	12	—	—	—	—	1.07	866
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	29	—	7	—	10	12	—	—	—	4.25	102
UNITS IN STRUCTURE											
1, detached or attached	2 499	480	842	445	380	244	85	15	8	2.41	6 704
2	1 613	564	664	230	99	39	17	—	—	1.87	3 298
3 and 4	1 064	459	399	141	63	—	2	—	—	1.68	1 869
5 to 9	2 633	1 350	833	243	143	36	14	14	—	1.48	4 676
10 to 49	4 733	2 161	1 744	622	184	22	—	—	—	1.62	8 267
50 or more	1 023	692	258	55	7	11	—	—	—	1.24	1 425
Mobile home or trailer, etc.	314	98	149	21	41	5	—	—	—	1.90	629
GROSS RENT											
Specified renter-occupied housing units	13 241	5 717	4 674	1 628	847	253	95	19	8	1.69	25 060
Less than \$100	553	486	54	6	7	—	—	—	—	1.07	597
\$100 to \$149	878	616	230	11	4	17	—	—	—	1.21	1 212
\$150 to \$199	2 533	1 608	649	187	48	41	—	—	—	1.29	3 840
\$200 to \$249	2 968	1 676	1 027	118	108	25	14	—	—	1.39	4 597
\$250 to \$299	2 204	610	1 140	260	164	25	2	3	—	1.93	4 373
\$300 to \$349	1 651	254	902	349	113	11	—	14	8	2.13	3 753
\$350 to \$399	939	197	254	334	112	36	4	2	—	2.56	2 425
\$400 to \$499	881	119	302	225	166	50	19	—	—	2.59	2 338
\$500 or more	346	21	62	78	106	23	56	—	—	3.61	1 264
No cash rent	288	130	54	60	19	25	—	—	—	1.76	661
Median	\$240	\$202	\$265	\$329	\$337	\$327	\$500+	\$323	\$325	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 879	5 804	4 889	1 757	917	357	118	29	8	1.73	26 868
Median income	\$10 446	\$6 814	\$12 119	\$14 218	\$14 667	\$15 819	\$27 188	\$20 982	\$14 167	...	...
Median gross rent as percentage of household income	28.4	31.2	25.8	28.4	28.6	23.6	21.6	17.7	27.5	...	...
Income in 1979 below poverty level	3 657	1 704	1 127	420	288	102	7	9	—	1.61	...
Median income	\$3 393	\$2500—	\$4 209	\$6 627	\$7 088	\$6 172	\$13 750	\$6 875	—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	48.8	33.9	50+	27.5	—	...	...

Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.)

The SMSA	Married-couple families										Male householder, no wife present										Female householder, no husband present	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age	
Total	16 341	383	3 235	2 626	4 096	1 434	299	633	222	307	216	135	493	350	845	1 067	44.3					
Owner-occupied housing units																						
PERSONS IN UNIT																						
1 person	2 702	—	844	200	1 722	1 203	176	352	148	174	159	70	230	95	478	820	55.8					
2 persons	5 328	226	986	419	918	182	110	200	32	79	35	58	146	80	218	175	55.9					
3 persons	3 054	122	991	1 141	785	40	6	36	25	5	15	7	74	89	91	49	39.6					
4 persons	3 149	24	359	493	413	9	—	13	6	10	—	—	30	56	27	6	38.8					
5 persons	1 363	11	—	258	258	—	8	5	4	—	—	13	15	21	—	—	39.6					
6 or more persons	745	—	55	373	411	286	2 10	1 35	1 40	—	—	15	10	17	15	17	43.3					
Median	2 555	235	3 28	11 354	12 850	3 261	417	1 153	1 404	518	357	1 18	1 25	1 40	2 50	1 38	1 15					
Total persons	47 299	1 030	11 088	11 354	12 850	—	—	—	—	—	942	—	889	1 399	1 421	—	44.2					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use																						
1.01 or more persons per room																						
Lacking complete plumbing for exclusive use																						
1.01 or more persons per room																						
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units																						
With a mortgage	11 443	134	2 521	2 091	2 910	1 021	95	350	119	190	144	36	279	238	542	773	44.4					
Less than 15 percent	8 039	122	2 456	1 964	1 863	1 157	75	310	89	138	22	30	267	214	247	85	38.0					
15 to 19 percent	2 313	2	305	708	1 068	41	—	56	26	34	—	—	5	31	37	—	45.3					
20 to 24 percent	1 758	29	553	491	364	40	—	56	29	47	—	—	37	36	76	—	38.3					
25 to 29 percent	1 327	25	542	366	198	2	—	35	22	17	10	—	34	46	24	—	35.5					
30 to 34 percent	967	22	444	199	85	27	15	17	4	16	—	11	50	29	19	42	8	33.7				
35 percent or more	657	8	305	98	56	26	16	44	4	17	—	12	19	102	48	50	18	33.4				
Not computed	996	36	305	102	92	19	44	102	4	7	—	10	10	10	54	54	33.1					
Median	19.8	26.1	23.4	17.8	14.0	2	—	—	—	—	—	50+	36.0	30.4	24.0	22.2	34.4					
Not mortgaged	3 404	12	65	127	1 047	864	20	40	30	52	122	6	12	24	24	29.5	64.7					
Less than 10 percent	1 611	3	38	103	797	391	8	24	6	14	59	—	—	89	79	79	60.2					
10 to 14 percent	649	2	13	21	122	188	4	24	4	9	4	—	15	109	109	151	65.8					
15 to 19 percent	381	2	8	50	132	8	6	7	2	9	—	—	10	7	7	28	119	71.2				
20 to 24 percent	240	—	—	34	49	—	2	—	10	15	—	—	36	3	45	94	68.0					
25 to 29 percent	124	2	—	21	31	—	1	—	8	4	—	—	8	3	45	93	69.3					
30 to 34 percent	94	—	—	2	23	—	—	9	—	4	—	5	5	—	—	38	75.9					
35 percent or more	274	—	—	1	20	44	—	—	9	24	—	2	5	20	149	149	75.6					
Not computed	31	3	6	10	2	1	—	—	—	—	—	32.0	18.0	25.6	12.7	12.7	13	67.9				
Median	10.6	13.8	10.6	10—	10—	11.0	12.5	10—	13.0	20.5	12.5	13.0	12.5	1.71	1.40	1.27	1.20	1.04				
Renter-occupied housing units	13 879	869	2 021	407	414	188	2 224	1 844	230	180	101	2 130	1 855	336	458	622	27.1					
PERSONS IN UNIT																						
1 person	5 804	—	657	1 146	68	188	151	689	407	186	122	88	897	1 036	217	328	580	27.9				
2 persons	1 757	149	56	461	59	100	36	103	121	18	44	13	815	560	69	69	24	25.9				
3 persons	917	56	357	303	130	38	1	103	38	6	14	—	302	152	47	47	11	26.3				
4 persons	155	2	53	92	47	—	18	18	—	—	—	—	90	97	7	7	1	29.7				
5 persons	1 733	2.16	19	53	41	—	2.12	2.12	—	7	—	—	15	11	9	7	—	34.3				
6 or more persons	26 868	1 923	5 501	1 598	1 238	3 93	3 871	2 904	2 123	1.24	1.24	1.07	1.71	1.40	1.27	1.20	566	1.04				
Total persons	—	—	—	—	—	—	—	—	—	—	—	3 838	3 838	3 057	635	660	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	13 088	869	2 016	402	401	179	1 918	1 684	182	171	82	2 020	1 775	328	439	622	27.2					
1.01 or more persons per room	250	12	88	49	5	13	9	306	160	48	7	19	110	80	6	—	—	30.3				
Locking complete plumbing for exclusive use	791	—	—	—	—	—	—	—	—	—	6	—	16	8	19	—	—	24.7				
1.01 or more persons per room	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27.3				
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified renter-occupied housing units	13 241	826	1 881	326	272	159	2 187	1 772	230	179	88	2 124	1 814	336	434	613	26.9					
Less than 15 percent	514	82	339	71	70	43	108	108	84	72	23	83	114	32	54	45	29.7					
15 to 19 percent	1 874	170	423	70	5	171	162	292	26	25	13	114	368	23	52	42	28.3					
20 to 24 percent	910	185	358	45	52	30	171	296	48	13	14	225	289	52	42	40	27.7					
25 to 29 percent	509	73	214	33	22	6	223	156	4	28	—	264	259	18	—	95	27.2					
30 to 34 percent	890	79	150	40	7	29	115	128	5	2	15	113	178	57	18	—	30.3					
35 to 49 percent	1 961	117	173	31	21	15	495	229	7	25	6	360	267	58	71	66	25.1					
50 percent or more	2 992	10	110	172	35	10	807	294	16	5	8	913	279	88	53	20.1	24.0					
Not computed	28.4	24.2	22.1	20.2	18.4	23.5	42.1	20.0	17.6	21.6	20.0	17.6	43.8	27.0	33.4	27.2	29.6	—				

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Male householder							Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Owner-occupied housing units	2 702	1 009	176	352	148	174	159	1 693	70	230	95	478	820	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	2 659	997	176	352	148	174	147	1 662	70	230	95	478	789	
Locking complete plumbing for exclusive use	43	12	—	—	—	—	12	31	—	—	—	—	31	
UNITS IN STRUCTURE														
1, detached or attached	1 890	640	68	208	93	139	132	1 250	20	111	65	371	683	
2 or more	281	110	27	28	11	23	21	171	4	15	12	36	104	
Mobile home or trailer, etc.	531	259	81	116	44	12	6	272	46	104	18	71	33	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	595	175	33	34	25	19	64	420	13	39	7	46	315	
\$5,000 to \$9,999	702	168	24	58	21	28	37	534	33	44	21	128	308	
\$10,000 to \$12,499	412	146	48	44	21	16	17	266	18	66	28	77	77	
\$12,500 to \$14,999	246	88	12	47	11	16	2	158	—	44	2	48	64	
\$15,000 to \$19,999	371	209	37	91	21	44	16	162	6	30	26	84	16	
\$20,000 to \$24,999	184	112	15	64	23	4	6	72	—	—	11	46	15	
\$25,000 to \$34,999	111	59	7	8	7	35	2	52	—	7	—	32	13	
\$35,000 to \$49,999	63	44	—	6	19	10	9	19	—	—	7	12		
\$50,000 or more	18	8	—	—	—	2	6	10	—	—	10			
Median	\$10 328	\$12 940	\$11 615	\$14 628	\$14 091	\$15 800	\$7 850	\$9 107	\$8 942	\$11 212	\$11 741	\$12 110	\$6 397	
Mean	\$11 989	\$14 579	\$11 885	\$14 272	\$16 627	\$17 884	\$12 719	\$10 445	\$8 840	\$10 960	\$12 856	\$14 429	\$7 835	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	1 598	524	68	175	77	99	105	1 074	20	109	58	290	597	
With a mortgage	703	358	58	155	56	67	22	345	19	99	50	101	76	
Less than \$200	75	18	—	3	7	—	8	57	—	5	—	25	27	
\$200 to \$249	60	28	—	7	6	8	7	32	—	—	7	15	10	
\$250 to \$299	85	39	17	4	11	—	7	46	—	18	8	12	8	
\$300 to \$349	105	52	8	17	9	18	—	53	2	5	18	15	13	
\$350 to \$399	60	19	—	—	2	17	—	41	2	16	5	15	3	
\$400 to \$499	170	88	—	63	12	13	—	82	8	47	12	8	7	
\$500 to \$599	57	51	26	23	2	—	—	6	—	—	6	—	—	
\$600 to \$749	56	38	—	22	7	9	—	18	7	8	—	3	—	
\$750 or more	35	25	7	16	—	2	—	10	—	—	2	8	8	
Median	\$372	\$432	\$515	\$474	\$322	\$372	\$221	\$335	\$434	\$411	\$328	\$294	\$256	
Not mortgaged	895	166	10	20	21	32	83	729	1	10	8	189	521	
Less than \$50	5	5	—	3	—	2	—	—	—	—	—	—	—	
\$50 to \$74	36	19	—	—	—	—	19	17	—	—	7	10		
\$75 to \$99	123	19	8	—	—	—	—	11	104	1	—	—	14	89
\$100 to \$124	259	45	—	2	9	21	13	214	—	—	8	51	155	
\$125 to \$149	179	19	—	—	—	—	19	160	—	—	59	101		
\$150 to \$199	215	38	2	14	5	9	8	177	—	10	—	38	129	
\$200 to \$249	49	5	—	1	—	2	2	44	—	—	—	12	32	
\$250 or more	29	16	—	—	7	—	9	13	—	—	8	5	5	
Median	\$128	\$122	\$91	\$168	\$165	\$119	\$118	\$130	\$88	\$175	\$113	\$135	\$127	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	26.2	28.3	40.7	33.8	17.3	23.5	23.9	24.9	50+	37.4	28.9	15.4	25.1	
With a mortgage	32.6	30.9	44.3	34.9	17.6	20.9	36.0	34.9	50+	37.9	30.4	24.6	48.9	
Not mortgaged	20.3	21.0	10—	10—	13.9	25.6	22.7	20.2	27.5	18.1	27.5	13.2	22.8	
Income in 1979 below poverty level	311	98	23	23	16	12	24	213	10	25	7	21	150	
Percent below poverty level	11.5	9.7	13.1	6.5	10.8	6.9	15.1	12.6	14.3	10.9	7.4	4.4	18.3	
Renter-occupied housing units	5 804	2 746	1 116	1 234	186	122	88	3 058	897	1 036	217	328	580	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	5 139	2 250	845	1 079	144	113	69	2 889	801	990	209	309	580	
Locking complete plumbing for exclusive use	665	496	271	155	42	9	19	169	96	46	8	19	—	
UNITS IN STRUCTURE														
1, detached or attached	480	234	64	143	—	13	14	246	45	94	9	47	51	
2	564	241	105	110	13	12	1	323	57	100	41	57	68	
3 and 4	459	181	36	109	16	10	10	278	84	103	47	9	35	
5 to 9	1 350	653	276	292	61	15	9	697	232	237	41	50	137	
10 to 49	2 161	1 027	400	457	75	46	49	1 134	353	401	72	113	195	
50 or more	692	359	212	96	21	25	5	333	100	88	7	52	86	
Mobile home or trailer, etc.	98	51	23	27	—	1	—	47	26	13	—	—	8	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	2 252	1 064	639	346	23	12	44	1 188	490	239	40	90	329	
\$5,000 to \$9,999	1 538	748	240	386	42	50	30	790	270	250	78	54	138	
\$10,000 to \$12,499	703	296	112	156	17	11	—	407	87	202	33	38	47	
\$12,500 to \$14,999	470	149	30	95	17	—	7	321	31	179	7	75	29	
\$15,000 to \$19,999	538	288	56	189	26	17	—	250	13	143	40	22	32	
\$20,000 to \$24,999	166	125	17	47	38	16	7	41	—	14	12	15		
\$25,000 to \$34,999	76	34	16	7	9	2	—	42	—	9	7	21	5	
\$35,000 to \$49,999	39	35	—	8	14	13	—	4	—	—	4	—	—	
\$50,000 or more	22	7	6	—	—	1	—	15	6	—	—	9	9	
Median	\$6 814	\$6 573	\$4 410	\$8 309	\$14 118	\$9 904	\$5 000	\$7 105	\$4 479	\$10 359	\$9 258	\$11 316	\$4 638	
Mean	\$8 563	\$8 424	\$6 099	\$9 027	\$14 922	\$14 596	\$7 160	\$8 688	\$7 379	\$9 780	\$10 098	\$12 383	\$6 145	
GROSS RENT														
Specified renter-occupied housing units	5 717	2 700	1 102	1 210	186	121	81	3 017	897	1 021	217	311	571	
Less than \$100	486	202	45	89	21	8	39	284	19	18	17	43	187	
\$100 to \$149	616	381	205	122	29	12	13	235	113	74	12	6	30	
\$150 to \$199	1 608	886	438	340	49	45	14	722	313	260	51	34	64	
\$200 to \$249	1 676	637	215	361	31	30	—	1 039	320	463	67	84	105	
\$250 to \$299	610	314	95	170	33	8	8	296	68	120	28	26	54	
\$300 to \$349	254	113	44	57	10	2	—	141	21	40	13	35	32	
\$350 to \$399	197	90	36	47	—	7	—	107	10	23	—	38	36	
\$400 to \$499	119	37	—	24	13	—	—	82	6	16	29	15	16	
\$500 or more	21	4	4	—	—	—	—	17	—	—	—	9	8	
No cash rent	130	36	20	—	—	9	7	94	27	7	—	21	39	

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	The SMSA				The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months					
Vacant for sale only housing units	239	109	61	69	Vacant for rent housing units	655	409	144	102
ROOMS					ROOMS				
1 to 3 rooms	18	—	4	14	1 room	55	46	4	5
4 rooms	44	28	4	12	2 rooms	130	89	15	26
5 rooms	29	13	7	9	3 rooms	132	50	29	53
6 rooms	80	48	16	16	4 rooms	298	201	91	6
7 rooms	34	7	26	1	5 rooms	25	23	—	2
8 or more rooms	34	13	4	17	6 rooms	13	—	5	8
Median	5.9	5.8	6.5	5.4	7 or more rooms	2	—	—	2
PLUMBING FACILITIES					Median	3.5	3.6	3.8	2.9
Complete plumbing for exclusive use	239	109	61	69	PLUMBING FACILITIES				
Locking complete plumbing for exclusive use	—	—	—	—	Complete plumbing for exclusive use	585	376	132	77
BEDROOMS					Locking complete plumbing for exclusive use	70	33	12	25
None	—	—	—	—	BEDROOMS				
1	20	1	5	14	None	55	46	4	5
2	81	35	25	21	1	244	133	43	68
3	100	45	29	26	2	333	222	92	19
4	27	17	2	8	3	15	8	5	2
5 or more	11	11	—	—	4	8	—	—	8
5 or more	—	—	—	—	5 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	93	53	26	14	1975 to March 1980	145	89	44	12
1970 to 1974	47	29	9	9	1970 to 1974	35	30	—	5
1960 to 1969	30	—	4	26	1960 to 1969	301	216	62	23
1950 to 1959	14	—	14	—	1950 to 1959	26	5	4	17
1940 to 1949	19	8	8	3	1940 to 1949	36	21	11	4
1939 or earlier	36	19	—	17	1939 or earlier	112	48	23	41
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	193	78	48	67	1, detached or attached	61	28	9	24
2 or more	16	9	7	—	2	54	15	11	28
Mobile home or trailer	30	22	6	—	3 and 4	72	56	12	4
HEATING EQUIPMENT					5 to 9	104	52	42	10
Central heating system	230	100	61	69	10 to 49	307	231	62	14
Other means	9	9	—	—	50 or more	16	—	8	8
None	—	—	—	—	Mobile home or trailer	41	27	—	14
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	163	67	39	57	Specified vacant for rent housing units	650	409	139	102
Less than \$10,000	—	—	—	—	Less than \$100	40	19	9	12
\$10,000 to \$19,999	6	6	—	4	\$100 to \$149	12	10	—	2
\$20,000 to \$29,999	13	4	5	12	\$150 to \$199	197	113	37	47
\$30,000 to \$39,999	14	2	—	7	\$200 to \$249	111	60	15	36
\$40,000 to \$49,999	23	13	3	22	\$250 to \$299	152	136	16	—
\$50,000 to \$59,999	44	19	3	12	\$300 to \$399	60	44	11	5
\$60,000 to \$79,999	49	19	18	—	\$400 or more	78	27	51	—
\$80,000 to \$99,999	2	—	2	—	Median	234	\$251	\$279	\$190
\$100,000 or more	12	4	8	—					
Median	\$57 700	\$57 200	\$72 500	\$56 100					

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	
Total	163	—	19	37	95	12	57 700	650	40	209	263	60	78	234
PLUMBING FACILITIES														
Complete plumbing for exclusive use	163	—	19	37	95	12	57 700	580	17	177	248	60	78	243
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	70	23	32	15	—	—	165
BEDROOMS														
None	—	—	—	—	—	—	—	55	23	11	15	6	—	171
1	14	—	2	—	12	—	62 100	244	9	154	74	—	7	187
2	35	—	10	20	5	—	32 700	333	8	40	166	48	71	273
3	95	—	7	17	63	8	58 000	10	—	4	—	6	—	313
4	19	—	—	—	15	4	67 900	8	—	—	8	—	—	213
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1975 to March 1980	70	—	—	6	52	12	62 400	145	—	22	67	30	26	290
1970 to 1974	34	—	—	7	27	—	66 200	35	8	6	16	5	—	205
1960 to 1969	27	—	—	15	12	—	42 500	301	9	115	118	14	45	238
1950 to 1959	1	—	—	—	1	—	52 500	26	—	16	5	5	—	178
1940 to 1949	18	—	13	3	2	—	21 500	36	4	18	1	6	7	183
1939 or earlier	13	—	6	6	1	—	31 300	107	19	32	56	—	—	204
UNITS IN STRUCTURE														
1, detached or attached	163	—	19	37	95	12	57 700	56	—	22	32	2	—	206
2 or more	...	...	...	...	...	...	...	553	32	163	222	58	78	249
Mobile home or trailer	...	...	...	...	...	...	...	41	8	24	9	—	—	159

Table B—1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Iowa City city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	7 085	27	101	262	711	1 047	1 657	1 907	849	446	78	58 500	62 900
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	5 254	10	31	115	329	735	1 249	1 580	737	398	70	61 600	67 000
15 to 24 years -----	24	5	—	—	8	11	—	—	—	—	—	49 400	41 500
25 to 34 years -----	1 576	3	9	23	60	238	521	545	144	33	—	58 900	61 400
35 to 44 years -----	1 269	—	—	8	46	119	191	473	267	143	22	70 400	75 300
45 to 64 years -----	1 769	2	—	40	124	269	373	494	253	171	43	62 800	69 500
65 years and over -----	616	—	22	44	99	101	153	68	73	51	5	51 800	57 400
Male householder, no wife present -----	533	6	18	25	120	58	128	122	31	17	8	54 800	54 900
15 to 24 years -----	46	—	—	—	16	7	8	15	—	—	—	47 500	52 200
25 to 34 years -----	199	6	3	12	32	24	65	51	6	—	—	55 500	51 400
35 to 44 years -----	57	—	—	—	11	6	14	26	—	—	—	59 100	57 000
45 to 64 years -----	132	—	—	—	24	21	28	19	25	10	5	58 300	66 500
65 years and over -----	99	—	15	13	37	—	13	11	—	7	3	36 800	46 700
Female householder, no husband present -----	1 298	11	52	122	262	254	280	205	81	31	—	47 400	49 800
15 to 24 years -----	23	—	—	—	—	—	14	4	5	—	—	59 100	69 100
25 to 34 years -----	209	—	—	14	29	41	84	24	17	—	—	52 100	51 100
35 to 44 years -----	145	—	—	—	26	27	18	62	12	—	—	60 500	58 400
45 to 64 years -----	392	3	27	14	80	90	71	59	29	19	—	47 000	51 900
65 years and over -----	529	8	25	94	127	96	93	56	18	12	41	200	44 600
Median age -----	45.0	29.7	72.5	67.0	60.7	48.0	40.3	39.5	44.1	48.2	48.5	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	830	8	11	10	52	120	235	265	89	34	6	59 200	62 700
1975 to 1978 -----	2 194	11	—	44	134	260	529	778	281	129	28	62 400	66 800
1970 to 1974 -----	1 173	—	5	40	77	155	303	278	202	102	11	60 400	67 100
1960 to 1969 -----	1 601	8	27	71	200	249	340	334	216	136	20	57 400	63 100
1959 or earlier -----	1 287	—	58	97	248	263	250	252	61	45	13	49 200	52 300
ROOMS													
1 to 3 rooms -----	98	10	18	16	25	5	19	5	—	—	—	31 500	31 800
4 rooms -----	488	12	25	93	155	108	64	24	7	—	—	36 800	38 300
5 rooms -----	1 386	5	25	79	275	431	417	113	41	—	—	46 800	47 100
6 rooms -----	1 458	—	33	42	150	251	456	439	66	21	—	55 100	56 000
7 rooms -----	1 512	—	—	32	85	139	349	578	242	75	12	64 200	67 300
8 or more rooms -----	2 143	—	—	—	21	113	352	748	493	350	66	74 800	81 700
Median -----	6.6	3.8	4.8	4.8	5.1	5.5	6.2	7.1	7.8	8.5+	8.5+	—	—
BEDROOMS													
None -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----	213	8	42	28	67	29	32	7	—	—	—	32 700	33 400
2 -----	1 327	17	35	172	315	338	252	158	22	9	9	43 100	45 200
3 -----	3 661	2	24	42	301	530	1 117	1 127	390	118	10	58 500	61 700
4 -----	1 598	—	—	20	28	130	222	553	355	231	59	74 200	79 900
5 or more -----	286	—	—	—	—	20	34	62	82	88	—	85 400	88 300
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	919	2	—	4	—	15	145	463	202	66	22	72 800	78 000
1970 to 1974 -----	892	9	—	—	7	44	289	292	155	87	9	66 300	71 900
1960 to 1969 -----	1 776	8	7	5	64	282	451	551	251	142	15	61 800	67 100
1950 to 1959 -----	1 290	8	5	65	159	312	330	266	75	60	.10	52 700	56 600
1940 to 1949 -----	428	—	11	30	99	106	63	63	34	8	14	47 000	54 700
1939 or earlier -----	1 780	—	78	158	382	288	379	272	132	83	8	49 500	53 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	327	11	42	61	38	55	66	31	17	6	—	42 000	42 600
\$5,000 to \$9,999 -----	506	5	23	48	178	93	77	55	21	6	—	39 900	44 500
\$10,000 to \$12,499 -----	317	3	4	27	76	101	59	47	—	—	—	44 500	45 200
\$12,500 to \$14,999 -----	284	—	10	10	48	69	100	32	15	—	—	50 400	49 200
\$15,000 to \$19,999 -----	848	6	5	37	113	190	249	195	42	6	5	53 000	54 300
\$20,000 to \$24,999 -----	1 142	2	12	58	124	167	321	350	79	29	—	57 100	57 100
\$25,000 to \$34,999 -----	1 626	—	5	14	109	224	502	548	183	41	—	59 300	62 000
\$35,000 to \$49,999 -----	1 278	—	—	7	19	103	241	466	291	129	22	71 300	75 300
\$50,000 or more -----	757	—	—	—	6	45	42	183	201	229	51	90 600	96 100
Median -----	\$25 551	\$6 250	\$8 424	\$12 037	\$15 587	\$20 570	\$24 375	\$29 236	\$36 965	\$50 451	\$54 919	—	—
Mean -----	\$28 921	\$8 467	\$9 762	\$13 783	\$16 680	\$22 430	\$25 224	\$31 864	\$39 876	\$52 518	\$62 801	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	4 978	—	15	62	359	657	1 290	1 559	675	320	41	61 000	65 900
Less than 15 percent -----	1 545	—	—	—	135	203	358	259	180	9	9	63 300	69 700
15 to 19 percent -----	1 125	—	—	35	53	146	308	331	179	73	—	61 000	65 500
20 to 24 percent -----	766	—	3	11	35	110	174	331	69	26	7	62 000	64 900
25 to 29 percent -----	556	—	5	—	39	88	152	197	45	10	20	59 600	64 400
30 to 34 percent -----	390	—	3	—	36	47	128	112	54	10	—	58 700	61 700
35 percent or more -----	579	—	4	16	61	63	170	187	52	21	5	58 000	62 000
Not computed -----	17	—	—	—	—	—	—	—	17	—	—	88 500	89 100
Median -----	19.2	—	29.5	19.1	19.2	19.3	19.7	20.7	17.0	14.2	26.1	—	—
Not mortgaged -----	2 107	27	86	200	352	390	367	348	174	126	37	50 000	55 700
Less than 10 percent -----	1 062	14	32	70	116	160	180	228	116	109	37	57 400	65 100
10 to 14 percent -----	360	—	8	27	90	60	78	58	39	—	—	48 800	51 100
15 to 19 percent -----	205	3	15	41	37	61	23	19	—	6	—	40 800	42 200
20 to 24 percent -----	153	—	—	20	39	42	42	5	—	5	—	43 800	46 200
25 to 29 percent -----	82	2	—	10	21	32	—	17	—	—	—	41 500	42 200
30 to 34 percent -----	61	—	9	5	14	14	14	—	5	—	—	42 100	43 200
35 percent or more -----	159	—	22	27	29	15	25	21	14	6	—	41 500	45 900
Not computed -----	25	8	—	—	6	6	5	—	—	—	—	33 800	30 900
Median -----	10—	10—	16.0	15.4	13.2	12.7	10.1	10—	10—	10—	10—	—	—
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	7 071	27	91	258	711	1 047	1 657	1 907	849	446	78	58 00	63 000
1 or more persons per room -----	48	—	—	—	25	5	13	5	—	—	—	39 800	45 100
Lacking complete plumbing for exclusive use -----	14	—	10	4	—	—	—	—	—	—	—	16 800	19 100
1 or more persons per room -----	—	—	—	—	—</								

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Iowa City city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units-----	9 764	421	754	2 123	2 178	1 357	1 126	712	676	243	174	230
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families-----	2 281	11	131	573	473	275	278	190	227	49	74	238
15 to 24 years-----	527	5	51	193	122	50	51	36	19	—	—	204
25 to 34 years-----	1 268	—	72	338	268	167	168	101	125	23	6	240
35 to 44 years-----	186	—	—	28	37	21	32	16	31	—	21	296
45 to 64 years-----	187	—	3	7	39	18	18	37	16	18	31	331
65 years and over-----	113	6	5	7	7	19	9	—	36	8	16	325
Male householder, no wife present-----	3 434	178	402	857	625	462	350	205	224	104	27	217
15 to 24 years-----	1 788	42	218	457	267	229	216	124	152	63	20	223
25 to 34 years-----	1 370	70	145	320	315	219	128	74	58	41	—	219
35 to 44 years-----	119	21	21	40	20	—	6	7	4	—	—	166
45 to 64 years-----	86	9	5	33	23	6	—	—	10	—	—	195
65 years and over-----	71	36	13	7	—	8	—	—	—	7	7	76
Female householder, no husband present-----	4 049	232	221	693	1 080	620	498	317	225	90	73	236
15 to 24 years-----	1 689	32	108	320	380	315	198	153	123	38	22	249
25 to 34 years-----	1 369	28	74	273	466	191	190	74	40	26	7	224
35 to 44 years-----	211	9	12	34	75	18	11	6	28	18	—	234
45 to 64 years-----	289	29	6	18	74	36	61	42	9	—	14	265
65 years and over-----	491	134	21	48	85	60	38	42	25	8	30	221
Median age-----	26.5	55.8	25.0	25.7	27.1	26.0	26.5	26.1	26.8	26.5	52.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980-----	5 624	184	429	1 297	1 152	798	659	482	413	161	49	234
1975 to 1978-----	3 353	155	277	735	829	472	412	178	223	50	22	225
1970 to 1974-----	471	60	25	59	132	52	43	29	28	8	35	223
1960 to 1969-----	181	6	—	11	54	31	12	23	12	17	15	267
1959 or earlier-----	135	16	23	21	11	4	—	—	—	7	53	181
ROOMS												
1 room-----	759	147	259	276	61	13	—	3	—	—	—	142
2 rooms-----	1 775	77	233	764	520	120	33	13	—	—	15	187
3 rooms-----	2 219	130	150	630	924	259	45	40	23	7	11	208
4 rooms-----	2 929	51	85	347	471	749	686	295	196	16	33	285
5 rooms-----	1 169	10	16	84	119	153	283	229	213	25	37	333
6 rooms-----	468	—	—	15	62	51	47	81	155	44	13	382
7 or more rooms-----	445	6	11	7	21	12	32	51	89	151	65	456
Median-----	3.5	2.3	2.0	2.5	3.0	3.9	4.2	4.5	5.1	7.5	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979-----	9 764	421	754	2 123	2 178	1 357	1 126	712	676	243	174	230
Complete plumbing for exclusive use-----	9 072	287	559	1 809	2 178	1 322	1 117	712	676	238	174	238
0.50 or less-----	5 765	229	307	990	1 487	934	789	357	385	127	160	242
0.51 to 1.00-----	3 134	58	233	752	662	367	308	349	280	111	14	228
1.01 to 1.50-----	108	—	6	40	21	15	20	6	—	—	—	214
1.51 or more-----	65	—	13	27	8	6	—	—	11	—	—	194
Locking complete plumbing for exclusive use-----	692	134	195	314	—	35	9	—	—	5	—	160
0.50 or less-----	297	7	34	231	—	20	—	—	—	5	—	166
0.51 to 1.00-----	372	127	154	77	—	5	9	—	—	5	—	120
1.01 to 1.50-----	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more-----	23	—	7	6	—	10	—	—	—	—	—	198
Income in 1979 below poverty level-----	2 968	188	286	714	606	375	296	204	219	51	29	219
Complete plumbing for exclusive use-----	2 588	132	171	549	606	345	287	204	219	46	29	231
1.01 or more persons per room-----	102	—	19	33	22	11	—	6	11	—	—	199
Locking complete plumbing for exclusive use-----	380	56	115	165	—	30	9	—	—	5	—	160
1.01 or more persons per room-----	17	—	7	—	10	—	—	—	—	—	—	279
BEDROOMS												
None-----	911	163	288	377	67	13	—	3	—	—	—	151
1-----	3 878	202	364	1 238	1 479	356	116	50	23	15	35	203
2-----	3 766	50	91	473	530	916	892	463	284	23	44	290
3-----	852	6	—	35	86	61	92	168	294	68	42	387
4-----	271	—	—	—	11	11	20	24	75	104	26	475
5 or more-----	86	—	11	—	5	—	6	4	—	33	27	500+
UNITS IN STRUCTURE												
1, detached or attached-----	1 204	—	44	61	184	144	162	163	182	171	93	338
2-----	1 210	41	56	169	235	205	223	92	144	21	24	271
3 and 4-----	661	16	36	183	178	123	23	24	55	6	17	225
5 to 9-----	2 134	162	219	612	546	168	180	159	79	—	9	204
10 to 49-----	3 598	177	315	601	898	626	513	246	187	22	13	236
50 or more-----	809	25	39	453	121	71	25	23	29	23	—	174
Mobile home or trailer, etc.-----	148	—	45	44	16	20	—	5	—	—	18	170
YEAR STRUCTURE BUILT												
1975 to March 1980-----	1 283	52	57	88	102	191	312	262	163	30	26	322
1970 to 1974-----	1 491	50	32	222	479	177	236	97	150	40	8	243
1960 to 1969-----	2 962	70	160	807	755	503	316	145	112	48	46	224
1950 to 1959-----	1 080	41	90	323	266	102	70	73	52	39	24	214
1940 to 1949-----	733	51	122	133	165	103	62	31	39	24	3	215
1939 or earlier-----	2 215	157	293	550	411	281	130	104	160	62	67	207
STORIES IN STRUCTURE												
1 to 3-----	8 843	375	606	1 633	2 065	1 305	1 097	704	664	220	174	239
4 or more-----	921	46	148	490	113	52	29	8	12	23	—	168
With elevator-----	529	20	10	401	39	6	10	8	12	23	—	169
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent-----	983	96	111	202	202	136	80	42	69	45	...	217
15 to 19 percent-----	1 281	60	85	318	348	151	161	75	50	33	...	222
20 to 24 percent-----	1 313	96	55	248	351	143	161	119	113	27	...	226
25 to 29 percent-----	1 077	90	117	202	227	182	146	70	43	—	...	222
30 to 34 percent-----	633	14	24	136	114	85	95	66	59	40	...	269
35 to 49 percent-----	1 575	37	166	335	347	263	183	94	119	31	...	232
50 percent or more-----	2 450	14	154	578	561	363	277	231	205	67	...	242
Not computed-----	452	14	42	104	28	34	23	15	18	—	174	177
Median-----	30.0	22.5	29.5	31.5	28.8	32.9	30.2	33.2	34.6	32.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment-----	9 758	415	754	2 123	2 178	1 357	1 126	712	676	243	174	230
Central heating system-----	9 513	381	691	2 082	2 126	1 333	1 118	712	663	238	169	231
Air conditioning-----	6 588	175	218	1 240	1 538	1 049	965	579	510	172	142	253
Central system-----	2 642	55	67	409	429	410	495	305	283	110	79	290

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

Iowa City city

	Household income in 1979												Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		Owner-occupied housing units	8 779	497	752	520	430	1 108	1 367	1 873	1 384	848	24 023	27 231	390
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	6 046	91	245	207	165	689	1 039	1 620	1 221	769	27 965	31 967	106	
15 to 24 years	129	6	11	20	25	49	12	6	—	—	15 164	14 834	6	
25 to 34 years	1 830	23	44	64	57	384	484	525	189	60	23 561	25 372	39	
35 to 44 years	1 367	5	—	13	16	56	187	495	358	237	33 002	36 998	5	
45 to 64 years	2 006	15	69	32	17	119	225	524	587	418	35 031	38 803	27	
65 years and over	714	42	121	78	50	81	131	70	87	54	19 250	23 127	29	
Male householder, no wife present	888	121	100	77	51	166	111	115	83	64	17 753	21 085	98	
15 to 24 years	135	33	15	43	7	15	15	7	—	—	11 134	11 460	42	
25 to 34 years	331	30	37	15	15	85	37	53	39	20	18 994	22 167	23	
35 to 44 years	107	5	11	7	13	22	19	7	14	9	19 250	23 251	5	
45 to 64 years	183	11	25	—	6	38	23	30	18	32	22 788	28 593	6	
65 years and over	132	42	12	10	6	17	18	12	3	12 500	16 050	22		
Female householder, no husband present	1 845	285	407	236	214	253	217	138	80	15	12 442	14 667	186	
15 to 24 years	88	12	39	6	10	—	21	—	—	—	8 750	11 724	23	
25 to 34 years	313	45	30	64	61	39	30	26	18	—	13 217	15 485	38	
35 to 44 years	219	19	33	24	8	58	33	27	17	—	17 198	17 483	26	
45 to 64 years	544	22	94	58	55	109	94	69	28	15	17 963	18 802	13	
65 years and over	681	187	211	84	80	47	39	16	17	—	8 438	10 463	86	
Median age	44.2	67.5	63.0	45.8	45.6	34.7	37.6	40.7	46.3	47.7	...	...	40.0	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	1 250	84	107	124	55	295	197	223	107	58	19 425	21 787	100	
1975 to 1978	2 839	77	169	161	140	378	534	707	411	262	24 677	27 592	68	
1970 to 1974	1 370	46	77	34	52	162	193	318	331	157	27 345	31 539	42	
1960 to 1969	1 851	123	150	88	76	117	241	416	369	271	27 190	30 521	60	
1959 or earlier	1 469	167	249	113	107	156	202	209	166	100	17 788	23 000	120	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	8 747	488	752	520	420	1 108	1 363	1 868	1 380	848	24 042	27 260	386	
1.01 or more persons per room	92	5	—	5	31	15	5	26	5	5	21 250	26 889	5	
Locking complete plumbing for exclusive use	32	9	—	—	10	—	4	5	4	—	14 250	19 168	4	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	8 779	497	752	520	430	1 108	1 367	1 873	1 384	848	24 023	27 231	390	
Central heating system	8 611	491	727	495	415	1 074	1 338	1 852	1 371	848	24 195	27 402	384	
Air conditioning	7 472	305	588	388	337	898	1 189	1 691	1 271	805	25 144	28 713	234	
Central system	4 631	60	213	156	182	488	736	1 210	955	631	28 767	32 337	67	
Vehicles available	8 314	340	575	455	404	1 074	1 361	1 873	1 384	848	24 820	28 309	302	
1	3 374	278	443	309	297	562	541	535	319	90	18 209	20 162	177	
2 or more	4 940	62	132	146	107	512	820	1 338	1 065	758	30 085	33 874	125	
House heating fuel	8 779	497	752	520	430	1 108	1 367	1 873	1 384	848	24 023	27 231	390	
Utility gas	8 454	453	723	495	387	1 038	1 320	1 828	1 372	838	24 331	27 580	348	
Bottled, tank, or LP gas	50	15	—	7	15	—	8	5	—	—	13 000	14 577	19	
Electricity	131	24	12	5	18	27	6	22	7	10	17 560	19 966	18	
Fuel oil, kerosene, etc.	76	5	12	8	—	23	28	—	—	—	18 333	16 601	5	
Other	68	—	5	5	10	20	13	15	—	—	19 000	18 916	—	
Median rooms	6.3	4.5	4.9	4.9	5.3	5.8	6.2	6.7	7.1	8.1	...	...	4.6	
Specified owner-occupied housing units	7 085	327	506	317	284	848	1 142	1 626	1 278	757	25 551	28 921	233	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	4 978	110	151	174	153	662	850	1 346	991	541	27 128	30 479	107	
Less than \$200	121	18	20	13	5	26	19	12	8	—	16 250	16 167	3	
\$200 to \$249	270	13	30	18	5	57	54	77	5	11	20 690	23 046	11	
\$250 to \$299	453	7	18	58	33	61	53	134	71	18	24 663	25 435	—	
\$300 to \$349	623	26	17	31	30	63	115	198	111	32	25 673	27 327	36	
\$350 to \$399	614	7	7	17	22	88	109	163	163	38	26 528	30 213	14	
\$400 to \$499	1 296	21	19	33	35	238	239	364	230	117	25 992	29 378	14	
\$500 to \$599	764	—	15	4	11	65	156	214	195	104	29 734	34 428	4	
\$600 to \$749	610	10	18	—	12	52	75	153	146	144	32 185	36 965	10	
\$750 or more	227	8	7	—	—	12	30	31	62	77	37 079	41 957	15	
Median	\$434	\$333	\$322	\$298	\$358	\$421	\$433	\$427	\$453	\$552	...	...	\$363	
Not mortgaged	2 107	217	355	143	131	186	292	280	287	216	20 398	25 240	126	
Less than \$50	6	3	3	—	—	—	—	—	—	—	5 000	4 913	3	
\$50 to \$74	22	13	5	—	—	4	—	—	—	—	4 615	7 703	4	
\$75 to \$99	157	49	26	25	10	22	12	6	—	7	10 350	12 784	28	
\$100 to \$124	355	70	129	32	13	50	50	11	—	—	8 966	11 092	44	
\$125 to \$149	402	56	95	11	53	31	55	60	41	—	14 340	17 105	36	
\$150 to \$199	607	20	59	63	40	71	97	122	118	17	22 961	23 735	11	
\$200 to \$249	295	6	20	5	6	12	40	57	76	73	35 196	40 360	—	
\$250 or more	263	—	18	7	9	—	34	24	52	119	46 298	52 650	—	
Median	\$159	\$116	\$129	\$153	\$145	\$142	\$163	\$176	\$193	\$250+	...	...	\$116	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	4 978	110	151	174	153	662	850	1 346	991	541	27 128	30 479	107	
Less than 15 percent	1 545	—	—	5	36	107	361	614	422	40 141	43 924	—		
15 to 19 percent	1 125	—	5	5	—	92	178	507	240	98	30 008	32 186	7	
20 to 24 percent	766	3	—	20	17	110	188	326	95	7	25 827	26 362	—	
25 to 29 percent	556	5	6	21	44	132	232	66	36	14	21 535	22 626	4	
30 to 34 percent	390	3	20	52	13	147	80	69	6	—	18 851	19 207	3	
35 percent or more	579	82	120	76	74	145	65	17	—	—	12 889	12 764	76	
Not computed	17	17	—	—	—	—	—	—	—	—	2500	—	17	
Median	19.2	50+	50+	33.9	34.0	28.5	23.7							

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Iowa City city	Household income in 1979												Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Renter-occupied housing units	9 815	2 619	2 652	1 209	935	1 109	586	440	151	114	9 197	11 388	2 968
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	2 311	246	472	352	293	345	276	203	70	54	13 230	15 455	300	
15 to 24 years	527	88	139	107	87	49	50	7	—	—	10 853	10 972	93	
25 to 34 years	1 274	123	275	185	175	214	141	133	18	10	13 271	14 704	152	
35 to 44 years	192	27	23	37	7	11	36	40	11	—	16 250	16 624	42	
45 to 64 years	202	—	10	18	6	47	39	19	41	22	21 282	27 472	5	
65 years and over	116	8	25	5	18	24	10	4	—	22	15 385	21 218	8	
Male householder, no wife present	3 434	1 114	996	349	263	355	149	127	39	42	7 370	10 071	1 314	
15 to 24 years	1 788	738	473	194	151	121	34	31	21	25	6 196	8 665	895	
25 to 34 years	1 370	307	422	134	98	222	72	96	12	7	9 424	11 502	352	
35 to 44 years	119	21	48	12	7	—	31	—	—	—	7 348	10 157	21	
45 to 64 years	86	5	39	9	—	5	12	—	6	10	9 688	19 589	12	
65 years and over	71	43	14	—	7	7	—	—	—	—	4 464	6 216	34	
Female householder, no husband present	4 070	1 259	1 184	508	379	409	161	110	42	18	8 142	10 189	1 354	
15 to 24 years	1 689	660	550	188	69	112	58	34	12	6	6 569	9 318	842	
25 to 34 years	1 390	258	381	230	207	189	66	28	19	12	10 609	11 564	281	
35 to 44 years	211	24	75	21	19	49	16	7	—	—	10 774	11 261	52	
45 to 64 years	289	63	70	24	58	27	15	21	11	—	11 198	12 536	57	
65 years and over	491	254	108	45	26	32	6	20	—	—	4 898	7 453	122	
Median age	26.6	24.3	26.0	26.5	27.3	28.0	29.0	29.6	33.5	33.5	...	...	23.9
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	5 639	1 762	1 638	575	491	486	329	242	63	53	7 956	10 543	2 093	
1975 to 1978	3 371	690	867	526	356	513	206	120	52	41	10 611	11 977	723	
1970 to 1974	480	79	119	47	44	68	45	52	15	11	12 234	14 843	102	
1960 to 1969	181	46	15	36	29	23	6	5	21	—	12 049	14 405	28	
1959 or earlier	144	42	13	25	15	19	—	21	—	9	11 700	15 357	22	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	9 123	2 207	2 453	1 166	922	1 109	573	428	151	114	9 771	11 869	2 588	
0.50 or less	5 807	1 529	1 510	760	543	714	379	196	106	70	9 450	11 599	1 478	
0.51 to 1.00	3 143	612	905	383	367	375	180	232	45	44	10 356	12 528	1 008	
1.01 to 1.50	108	34	18	17	12	13	14	—	—	—	10 294	10 396	58	
1.51 or more	65	32	20	6	—	7	—	—	—	—	7 562	6 541	44	
Lacking complete plumbing for exclusive use	692	412	199	43	13	—	13	12	—	—	4 203	5 046	380	
0.50 or less	297	175	59	31	7	—	13	12	—	—	4 161	6 081	154	
0.51 to 1.00	372	230	130	12	—	—	—	—	—	—	4 091	4 102	209	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	6 125	6 928	17	
SELECTED CHARACTERISTICS														
Heating equipment	9 809	2 613	2 652	1 209	935	1 109	586	440	151	114	9 204	11 392	2 968	
Central heating system	9 564	2 547	2 571	1 182	902	1 090	580	435	143	114	9 239	11 426	2 888	
Air conditioning	6 634	1 682	1 647	803	681	801	426	358	135	101	9 958	12 334	1 844	
Central system	2 651	598	540	282	224	354	253	187	121	92	11 662	15 456	657	
Vehicles available	7 923	1 565	2 111	1 083	858	1 057	567	425	151	106	10 659	12 679	2 027	
1	5 487	1 347	1 654	827	534	711	218	135	29	32	9 118	10 446	1 404	
2 or more	2 436	218	457	256	324	346	349	290	122	74	14 715	17 708	623	
House heating fuel	9 809	2 613	2 652	1 209	935	1 109	586	440	151	114	9 204	11 392	2 968	
Utility gas	8 097	1 993	2 141	1 033	805	947	523	406	151	98	9 770	11 911	2 300	
Bottled, tank, or LP gas	174	32	66	28	13	10	17	8	—	—	9 167	10 462	47	
Electricity	1 236	510	334	128	77	118	39	16	—	14	6 317	8 579	535	
Fuel oil, kerosene, etc.	241	78	95	15	26	22	—	5	—	—	6 635	7 758	74	
Other	61	—	16	5	14	12	7	5	—	2	14 196	16 490	12	
Median rooms	3.6	2.7	3.3	3.7	3.8	4.0	4.4	4.5	5.3	4.4	...	...	3.2
Specified renter-occupied housing units	9 764	2 619	2 652	1 193	932	1 100	569	434	151	114	9 141	11 349	2 968	
CONTRACT RENT														
Less than \$100	571	327	182	26	7	14	4	11	—	—	4 537	5 408	248	
\$100 to \$149	1 417	488	475	207	112	92	27	16	—	—	6 778	7 789	438	
\$150 to \$199	2 527	856	679	349	274	249	65	55	—	—	7 576	8 488	782	
\$200 to \$249	1 784	409	571	225	195	218	84	57	13	12	9 228	11 613	496	
\$250 to \$299	1 580	282	428	176	148	217	179	120	13	17	11 136	13 271	456	
\$300 to \$349	818	90	144	91	94	185	111	55	30	18	14 734	15 923	231	
\$350 to \$399	494	85	113	62	39	36	67	49	38	5	11 976	15 414	169	
\$400 to \$449	297	23	37	45	29	44	23	29	33	34	17 417	23 223	86	
\$500 or more	102	8	7	—	14	14	4	29	9	17	28 929	29 495	33	
No cash rent	174	51	16	12	20	31	5	13	15	11	13 500	17 272	29	
Median	\$207	\$170	\$199	\$202	\$215	\$241	\$278	\$268	\$366	\$395	...	...	\$200
GROSS RENT														
Less than \$100	421	265	132	17	—	7	—	—	—	—	4 283	4 510	188	
\$100 to \$149	754	381	234	70	22	14	17	16	—	—	4 955	6 227	286	
\$150 to \$199	2 123	798	664	285	170	144	35	27	—	—	6 672	7 478	714	
\$200 to \$249	2 178	521	650	323	261	289	73	49	—	12	9 296	10 793	606	
\$250 to \$299	1 357	259	412	188	157	167	80	75	19	—	10 100	11 573	375	
\$300 to \$349	1 126	167	262	127	128	203	133	76	7	23	12 637	14 489	296	
\$350 to \$399	712	91	166	55	81	113	61	21	5	5	13 858	14 774	204	
\$400 to \$449	676	78	91	107	68	89	86	68	61	28	14 779	18 547	219	
\$500 or more	243	8	25	9	25	43	21	49	28	35	21 917	27 785	51	
No cash rent	174	51	16	12	20	31	5	13	15	11	13 500	17 272	29	
Median	\$230	\$186	\$218	\$223	\$251	\$268	\$329	\$329	\$434	\$441	...	...	\$219
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	983	16	70	45	50	201	167	233	98	103	22 788	28 715	16	
15 to 19 percent	1 281	13	93	183	276	367	195	116	38	—	15 831	17 114	46	
20 to 24 percent	1 313	67	188	361	216	251	165	65	—	—	12 969	14 117	112	
25 to 29 percent	1 077	97	433	228	166	137	16	—	—	—	10 093	10 320	141	
30 to 34 percent	633	32	274	132										

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Iowa City city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	4 978	121	270	453	623	614	1 296	764	610	227	434
PERSONS IN UNIT											
1 person -----	449	59	49	73	61	48	115	21	15	8	336
2 persons -----	1 261	37	94	159	170	186	264	153	165	33	396
3 persons -----	1 044	5	65	77	119	149	315	193	100	21	439
4 persons -----	1 392	15	24	113	196	130	407	217	231	59	453
5 persons -----	626	5	33	27	56	70	162	128	77	68	478
6 persons -----	114	—	5	4	5	11	33	17	7	32	498
7 persons -----	67	—	—	—	16	—	—	30	15	6	558
8 or more persons -----	25	—	—	—	—	20	—	5	—	—	381
Median -----	3.25	1.54	2.41	2.47	3.18	2.99	3.35	3.57	3.61	4.37	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	4 003	58	191	293	455	493	1 075	686	533	219	450
15 to 24 years -----	19	—	—	—	—	—	13	—	—	6	487
25 to 34 years -----	1 545	5	33	57	105	216	516	346	204	63	473
35 to 44 years -----	1 217	12	33	66	148	118	294	218	210	118	478
45 to 64 years -----	1 139	29	108	152	202	145	237	122	112	32	377
65 years and over -----	83	12	17	18	—	14	15	—	7	—	285
Male householder, no wife present -----	385	18	26	66	59	49	93	39	35	—	374
15 to 24 years -----	46	—	—	15	15	—	8	8	—	—	327
25 to 34 years -----	186	3	13	31	14	17	58	21	29	—	442
35 to 44 years -----	44	7	—	7	11	7	12	—	—	—	336
45 to 64 years -----	89	—	8	6	19	25	15	10	6	—	373
65 years and over -----	20	8	5	7	—	—	—	—	—	—	220
Female householder, no husband present -----	590	45	53	94	109	72	128	39	42	8	347
15 to 24 years -----	18	—	—	—	4	—	—	7	7	—	571
25 to 34 years -----	201	9	—	37	25	22	87	11	10	—	409
35 to 44 years -----	132	—	25	15	23	29	17	10	13	—	355
45 to 64 years -----	185	17	14	36	50	21	24	11	12	—	325
65 years and over -----	54	19	14	6	7	—	—	—	—	8	229
Median age -----	38.2	60.3	49.1	44.9	43.1	38.8	34.5	34.8	37.1	38.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	789	16	6	32	56	70	250	101	169	89	488
1975 to 1978 -----	2 038	21	60	122	121	204	613	480	322	95	483
1970 to 1974 -----	997	11	48	89	183	172	289	108	70	27	399
1960 to 1969 -----	1 019	49	122	189	244	160	115	75	49	16	331
1959 or earlier -----	135	24	34	21	19	8	29	—	—	—	273
ROOMS											
1 to 3 rooms -----	70	10	—	20	12	10	18	—	—	—	321
4 rooms -----	188	31	45	52	18	25	17	—	—	—	267
5 rooms -----	801	39	87	136	139	103	223	36	27	11	350
6 rooms -----	991	21	76	88	167	125	284	140	65	25	408
7 rooms -----	1 109	20	26	86	187	147	265	233	101	44	440
8 or more rooms -----	1 819	—	36	71	100	204	489	355	417	147	503
Median -----	6.9	5.0	5.5	5.7	6.4	6.8	6.9	7.4	8.0	8.2	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	866	11	9	—	18	66	233	246	188	95	539
1970 to 1974 -----	818	—	—	47	74	40	269	179	172	37	492
1960 to 1969 -----	1 472	29	78	156	217	258	347	169	167	51	400
1950 to 1959 -----	717	50	58	97	125	125	178	44	35	5	361
1940 to 1949 -----	228	6	48	43	29	25	51	6	—	20	329
1939 or earlier -----	877	25	77	110	160	100	218	120	48	19	383
VALUE											
Less than \$10,000 -----	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 -----	15	11	—	—	—	—	4	—	—	—	100—
\$20,000 to \$29,999 -----	62	4	6	6	16	24	6	—	—	—	347
\$30,000 to \$39,999 -----	359	55	68	94	77	23	42	—	—	—	280
\$40,000 to \$49,999 -----	657	31	75	112	140	111	173	15	—	—	339
\$50,000 to \$59,999 -----	1 290	20	88	161	204	152	422	189	38	16	406
\$60,000 to \$79,999 -----	1 559	—	24	70	144	205	439	357	256	64	480
\$80,000 to \$99,999 -----	675	—	9	10	26	70	177	118	193	72	539
\$100,000 to \$149,999 -----	320	—	—	16	29	33	80	117	45	603	603
\$150,000 or more -----	41	—	—	—	—	—	5	6	30	30	750+
Median -----	\$61 000	\$37 900	\$48 300	\$51 100	\$53 800	\$59 800	\$60 000	\$69 900	\$81 100	\$91 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	1 545	66	161	257	268	214	303	174	94	8	355
15 to 19 percent -----	1 125	14	43	64	176	206	298	155	117	52	420
20 to 24 percent -----	766	11	17	28	70	78	244	159	136	23	476
25 to 29 percent -----	556	11	6	36	28	59	184	141	41	50	483
30 to 34 percent -----	390	12	11	36	23	10	124	59	95	20	488
35 percent or more -----	579	7	32	32	58	40	143	76	117	74	486
Not computed -----	17	—	—	—	—	7	—	—	10	—	622
Median -----	19.2	14.2	13.7	14.1	16.2	17.2	21.0	21.7	23.3	28.0	...
SELECTED CHARACTERISTICS											
Heating equipment -----	4 978	121	270	453	623	614	1 296	764	610	227	434
Steam or hot water system -----	329	—	17	31	16	67	75	56	55	12	449
Central warm-air furnace or electric heat pump -----	4 529	111	253	387	595	528	1 183	702	555	215	436
Other built-in electric units -----	—	—	—	—	—	—	—	—	—	—	—
Floor, wall, or pipeless furnace -----	24	—	—	—	5	7	12	—	—	—	400
Other means -----	96	10	—	35	7	12	—	—	—	—	321
Air conditioning -----	4 386	80	201	338	534	539	1 176	724	579	215	450
Central system -----	3 109	45	107	176	293	322	810	610	537	209	477
1 or more individual room units -----	1 277	35	94	162	241	217	366	114	42	6	375
House heating fuel -----	4 978	121	270	453	623	614	1 296	764	610	227	434
Utility gas -----	15	3	—	—	12	—	—	—	—	—	319
Bottled, tank, or LP gas -----	—	—	—	—	7	17	44	—	12	—	425
Electricity -----	80	—	—	—	—	—	8	—	—	—	475
Fuel oil, kerosene, etc. -----	8	—	—	—	—	—	—	—	—	—	289
Other -----	54	10	—	22	7	5	10	—	—	—	—

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Iowa City city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	2 107	6	22	157	355	402	607	295	263	159
PERSONS IN UNIT										
1 person -----	567	3	22	72	178	110	127	30	25	127
2 persons -----	1 045	3	—	67	154	215	334	157	115	163
3 persons -----	294	—	—	10	18	49	97	68	52	186
4 persons -----	117	—	—	8	5	13	44	22	25	187
5 persons -----	66	—	—	—	—	15	—	5	46	250+
6 persons -----	18	—	—	—	—	—	5	13	—	215
7 persons -----	—	—	—	—	—	—	—	—	—	—
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	1.97	1.50	1.00	1.60	1.50	1.92	2.03	2.25	2.43	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 251	3	—	43	133	261	384	225	202	174
15 to 24 years -----	5	—	—	3	2	—	—	—	—	96
25 to 34 years -----	31	3	—	—	11	11	—	6	—	128
35 to 44 years -----	52	—	—	—	—	16	17	10	9	179
45 to 64 years -----	630	—	—	11	50	102	222	119	126	184
65 years and over -----	533	—	—	29	72	130	145	90	67	162
Male householder, no wife present -----	148	3	13	28	29	5	29	13	28	130
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	13	3	—	10	—	—	—	—	—	84
35 to 44 years -----	13	—	—	—	—	—	—	6	—	250+
45 to 64 years -----	43	—	—	—	18	—	7	7	11	175
65 years and over -----	79	—	13	18	11	5	16	6	10	119
Female householder, no husband present -----	708	—	9	86	193	136	194	57	33	137
15 to 24 years -----	5	—	—	—	—	—	5	—	—	175
25 to 34 years -----	8	—	—	—	—	—	8	—	—	175
35 to 44 years -----	13	—	—	—	13	—	—	—	—	113
45 to 64 years -----	207	—	4	11	44	40	58	27	23	154
65 years and over -----	475	—	5	75	136	96	123	30	10	131
Median age -----	65.5	27.5	71.7	75.4	68.5	66.7	64.1	63.3	58.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	41	3	—	3	18	—	7	10	—	120
1975 to 1978 -----	156	3	—	22	6	21	25	26	53	202
1970 to 1974 -----	176	—	—	14	32	26	67	20	17	162
1960 to 1969 -----	582	—	9	36	89	92	172	74	110	169
1959 or earlier -----	1 152	—	13	82	210	263	336	165	83	151
ROOMS										
1 to 3 rooms -----	28	—	—	—	21	7	—	—	—	117
4 rooms -----	300	3	18	68	70	73	52	10	6	122
5 rooms -----	585	3	4	57	125	138	185	44	29	144
6 rooms -----	467	—	—	26	84	141	134	58	24	147
7 rooms -----	403	—	—	6	41	27	136	106	87	197
8 or more rooms -----	324	—	—	—	14	16	100	77	117	221
Median -----	5.8	4.5	4.1	4.7	5.2	5.4	6.0	6.8	7.3	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	53	—	—	7	2	7	—	16	21	233
1970 to 1974 -----	74	3	—	6	—	—	19	24	22	219
1960 to 1969 -----	304	3	—	9	26	38	102	60	66	187
1950 to 1959 -----	573	—	—	17	81	125	176	106	68	168
1940 to 1949 -----	200	—	—	12	28	33	88	27	12	165
1939 or earlier -----	903	—	22	106	218	199	222	62	74	138
VALUE										
Less than \$10,000 -----	27	6	—	9	10	2	—	—	—	96
\$10,000 to \$19,999 -----	86	—	—	32	37	11	6	—	—	107
\$20,000 to \$29,999 -----	200	—	18	53	66	39	14	5	5	111
\$30,000 to \$39,999 -----	352	—	4	33	117	99	67	21	11	131
\$40,000 to \$49,999 -----	390	—	—	13	82	113	142	34	6	147
\$50,000 to \$59,999 -----	367	—	—	—	38	99	157	55	18	165
\$60,000 to \$79,999 -----	348	—	—	17	5	32	163	105	26	187
\$80,000 to \$99,999 -----	174	—	—	—	—	—	50	54	70	234
\$100,000 to \$149,999 -----	126	—	—	—	—	7	8	21	90	250+
\$150,000 or more -----	37	—	—	—	—	—	—	37	—	250+
Median -----	\$50 000	\$10000	\$25 600	\$27 400	\$35 600	\$44 000	\$53 900	\$69 300	\$96 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 062	3	9	60	111	178	326	199	176	176
10 to 14 percent -----	360	—	—	30	56	73	122	53	26	159
15 to 19 percent -----	205	3	9	18	53	31	63	6	22	141
20 to 24 percent -----	153	—	—	15	42	37	43	11	5	138
25 to 29 percent -----	82	—	4	12	29	14	11	5	7	122
30 to 34 percent -----	61	—	—	5	20	20	5	5	6	132
35 percent or more -----	159	—	—	17	36	32	37	16	21	146
Not computed -----	25	—	—	—	8	17	—	—	—	132
Median -----	10—	12.0	16.1	13.1	15.6	11.0	10—	10—	10—	...
SELECTED CHARACTERISTICS										
Heating equipment -----	2 107	6	22	157	355	402	607	295	263	159
Steam or hot water system -----	212	—	—	—	15	24	59	39	75	210
Central warm-air furnace or electric heat pump -----	1 809	6	22	134	307	362	534	256	188	157
Other built-in electric units -----	—	—	—	—	—	—	—	—	—	—
Floor, wall, or pipeless furnace -----	37	—	—	5	15	7	10	—	—	122
Other means -----	49	—	—	18	18	9	4	—	—	109
Air conditioning -----	1 680	6	4	81	248	325	529	249	238	167
Central system -----	799	—	—	27	41	123	241	185	182	193
1 or more individual room units -----	881	6	4	54	207	202	288	64	56	146
House heating fuel -----	2 107	6	22	157	355	402	607	295	263	159
Utility gas -----	5	—	—	—	—	5	—	—	—	138
Bottled, tank, or LP gas -----	19	—	—	—	—	—	5	—	14	250+
Electricity -----	21	—	—	—	—	5	—	6	—	196
Fuel oil, kerosene, etc. -----	14	—	—	10	—	—	—	4	—	92

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Iowa City city	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		Occupied housing units	8 779	1 360	1 098	2 264	1 951	2 106	9 815	1 283	1 497	2 965	1 833	2 237
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 046	1 040	864	1 639	1 293	1 210	2 311	329	267	942	487	286	
15 to 24 years	129	37	28	45	19	—	527	92	60	190	124	61	
25 to 34 years	1 830	487	363	402	273	305	1 274	158	126	569	281	140	
35 to 44 years	1 367	289	329	392	158	199	192	30	20	78	39	25	
45 to 64 years	2 006	176	134	649	586	461	202	26	46	62	34	34	
65 years and over	714	51	10	151	257	245	116	23	15	43	9	26	
Male householder, no wife present	888	140	75	212	226	235	3 434	482	526	866	582	978	
15 to 24 years	135	38	14	42	17	24	1 788	314	331	477	302	364	
25 to 34 years	331	68	38	62	94	69	1 370	135	167	293	261	514	
35 to 44 years	107	15	7	19	53	13	119	7	12	32	13	55	
45 to 64 years	183	19	16	58	38	52	86	—	7	49	6	24	
65 years and over	132	—	—	31	24	77	71	26	9	15	—	21	
Female householder, no husband present	1 845	180	159	413	432	661	4 070	472	704	1 157	764	973	
15 to 24 years	88	19	15	34	16	4	1 689	305	320	469	271	324	
25 to 34 years	313	56	66	77	74	40	1 390	80	228	387	298	397	
35 to 44 years	219	38	35	55	33	58	211	—	55	51	55	50	
45 to 64 years	544	60	36	141	143	164	289	53	30	103	68	35	
65 years and over	681	7	7	106	166	395	491	34	71	147	72	167	
Median age	44.2	34.6	35.6	45.1	52.3	56.4	26.6	24.5	25.6	26.8	26.8	27.4	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 250	446	173	271	157	203	5 639	897	875	1 686	946	1 235	
1975 to 1978	2 839	914	487	669	424	345	3 371	386	520	1 031	731	703	
1970 to 1974	1 370	—	438	381	333	218	480	—	102	153	71	154	
1960 to 1969	1 851	—	—	943	394	514	181	—	—	95	45	41	
1959 or earlier	1 469	—	—	—	643	826	144	—	—	—	40	104	
ROOMS													
1 room	—	—	—	—	—	—	759	54	88	210	151	256	
2 rooms	64	8	—	43	13	—	1 775	183	282	665	271	374	
3 rooms	269	12	35	68	62	92	2 219	127	288	771	475	558	
4 rooms	1 053	208	74	248	275	248	2 944	591	519	936	456	442	
5 rooms	1 735	225	128	432	607	343	1 184	241	218	256	231	238	
6 rooms	1 665	249	212	336	313	555	477	46	50	74	93	214	
7 or more rooms	3 993	658	649	1 137	681	868	457	41	52	53	156	155	
Median	6.3	6.4	6.9	6.5	5.6	6.2	3.6	4.0	3.7	3.3	3.5	3.4	
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	8 747	1 360	1 098	2 260	1 947	2 082	9 123	1 229	1 484	2 689	1 727	1 994	
0.50 or less	6 490	933	702	1 654	1 479	1 722	5 807	748	904	1 562	1 150	1 443	
0.51 to 1.00	2 165	409	396	577	464	319	3 143	453	574	1 027	558	531	
1.01 to 1.50	70	18	—	21	—	31	108	11	6	59	19	13	
1.51 or more	22	—	—	8	4	10	65	17	—	41	—	7	
Locking complete plumbing for exclusive use	32	—	—	4	4	24	692	54	13	276	106	243	
0.50 or less	19	—	—	—	—	19	297	14	6	198	25	54	
0.51 to 1.00	13	—	—	4	4	5	372	40	7	72	81	172	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	—	—	—	—	—	—	23	—	6	—	—	17	
PERSONS IN UNIT													
1 person	1 509	152	68	335	392	562	4 300	353	608	1 282	820	1 237	
2 persons	2 930	408	247	766	730	779	3 407	507	496	1 131	663	610	
3 persons	1 612	280	225	371	401	335	1 258	284	236	327	195	216	
4 persons	1 688	318	373	471	317	209	594	114	127	157	90	106	
5 persons	756	126	176	244	95	115	168	21	21	31	65	30	
6 or more persons	284	76	9	77	16	106	88	4	9	37	—	38	
Median	2.48	2.93	3.52	2 58	2.30	2.13	1.68	2.07	1.78	1.66	1.65	1.40	
Total persons	24 583	4 112	3 614	6 541	4 991	5 325	18 737	2 862	2 977	5 565	3 438	3 895	
UNITS IN STRUCTURE													
1, detached or attached	7 554	1 034	927	1 922	1 780	1 891	1 255	53	108	227	422	445	
2	230	41	7	31	39	112	1 210	145	79	210	395	381	
3 and 4	71	28	—	8	13	22	661	35	51	131	121	323	
5 to 9	84	48	—	—	4	32	2 134	243	390	563	314	624	
10 to 49	88	7	—	5	27	49	3 598	697	719	1 292	433	457	
50 or more	53	—	—	53	—	—	809	69	76	509	148	7	
Mobile home or trailer, etc.	699	202	164	245	88	—	148	41	74	33	—	—	
SELECTED CHARACTERISTICS													
Heating equipment	8 779	1 360	1 098	2 264	1 951	2 106	9 809	1 283	1 497	2 965	1 833	2 231	
Steam or hot water system	763	28	11	239	172	313	2 932	304	458	902	478	790	
Central warm-air furnace or electric heat pump	7 748	1 306	1 064	1 998	1 710	1 670	6 098	852	908	1 802	1 222	1 314	
Other built-in electric units	17	—	8	6	3	—	408	73	92	194	43	6	
Floor, wall, or pipeless furnace	83	19	—	14	24	26	126	25	13	31	32	25	
Other means	168	7	15	7	42	97	245	29	26	36	58	96	
Air conditioning	7 472	1 283	1 067	2 029	1 659	1 434	6 634	1 183	1 279	2 405	932	835	
Central system	4 631	1 254	917	1 360	799	301	2 651	588	553	1 225	230	55	
1 or more individual room units	2 841	29	150	669	860	1 133	3 983	595	726	1 180	702	780	
House heating fuel	8 779	1 360	1 098	2 264	1 951	2 106	9 809	1 283	1 497	2 965	1 833	2 231	
Utility gas	8 454	1 332	1 076	2 172	1 852	2 022	8 097	1 019	1 193	2 364	1 532	1 989	
Bottled, tank, or LP gas	50	—	—	18	15	17	174	18	34	43	37	42	
Electricity	131	28	22	37	34	10	1 236	236	254	499	164	83	
Fuel oil, kerosene, etc.	76	—	—	30	35	11	241	—	16	35	82	108	
Other	68	—	—	7	15	46	61	10	—	24	18	9	
Income in 1979 below poverty level	390	36	48	83	67	156	2 968	369	455	977	472	695	
Percent below poverty level	4.4	2.6	4.4	3.7	3.4	7.4	30.2	28.8	30.4	33.0	25.8	31.1	
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	497	21	44	111	97	224	2 619	328	333	896	452	610	
\$5,000 to \$9,999	752	72	59	182	178	261	2 652	246	474	782	446</		

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

Iowa City city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	8 779	7 554	526	699	9 815	1 255	1 210	661	2 134	3 598	809	148
Condominium housing units	158	64	94	—	124	—	—	—	48	41	35	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 046	5 591	196	259	2 311	473	334	69	412	831	123	69
15 to 24 years	129	33	8	88	527	54	60	6	100	234	49	24
25 to 34 years	1 830	1 651	91	88	1 274	208	204	47	250	469	59	37
35 to 44 years	1 367	1 319	17	31	192	84	16	5	29	46	7	5
45 to 64 years	2 006	1 934	31	41	202	95	26	6	25	47	—	3
65 years and over	714	654	49	11	116	32	28	5	8	35	8	—
Male householder, no wife present	888	568	91	229	3 434	361	373	284	760	1 225	386	45
15 to 24 years	135	46	13	76	1 788	146	172	118	410	684	237	21
25 to 34 years	331	210	25	96	1 370	201	169	145	275	450	106	24
35 to 44 years	107	57	9	41	119	7	13	6	47	25	21	—
45 to 64 years	183	144	27	12	86	—	19	5	12	33	17	—
65 years and over	132	111	17	4	71	7	—	10	16	33	5	—
Female householder, no husband present	1 845	1 395	239	211	4 070	421	503	308	962	1 542	300	34
15 to 24 years	88	29	4	55	1 689	122	115	108	389	784	153	18
25 to 34 years	313	215	20	78	1 390	209	228	141	330	403	70	9
35 to 44 years	219	166	31	22	211	37	41	33	60	26	7	7
45 to 64 years	544	440	55	49	289	32	51	7	35	134	30	—
65 years and over	681	545	129	7	491	21	68	19	148	195	40	—
Median age	44.2	45.4	57.5	29.0	26.6	28.5	28.3	26.9	26.3	25.5	24.6	25.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 250	890	97	263	5 639	688	575	416	1 231	2 080	569	80
1975 to 1978	2 839	2 355	166	318	3 371	390	499	220	713	1 323	187	39
1970 to 1974	1 370	1 220	58	92	480	85	63	6	140	123	34	29
1960 to 1969	1 851	1 749	82	20	181	32	29	19	31	51	19	—
1959 or earlier	1 469	1 340	123	6	144	60	44	—	19	21	—	—
ROOMS												
1 room	—	—	—	—	759	22	12	46	205	349	125	—
2 rooms	64	6	42	16	1 775	65	82	122	491	723	288	4
3 rooms	269	99	55	115	2 219	100	286	143	602	810	251	27
4 rooms	1 053	586	133	334	2 944	208	443	203	550	1 369	86	85
5 rooms	1 735	1 482	80	173	1 184	262	245	106	189	308	47	27
6 rooms	1 665	1 520	96	49	477	245	103	12	85	20	12	—
7 or more rooms	3 993	3 861	120	12	457	353	39	29	12	19	5	—
Median	6.3	6.6	4.9	4.2	3.6	5.4	4.0	3.6	3.1	3.4	2.5	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 747	7 540	508	699	9 123	1 255	1 205	631	1 973	3 372	539	148
0.50 or less	6 490	5 568	406	516	5 807	812	859	485	1 228	2 024	282	117
0.51 to 1.00	2 165	1 911	92	162	3 143	410	342	146	693	1 292	229	31
1.01 to 1.50	70	57	—	13	108	26	4	—	31	40	7	—
1.51 or more	22	4	10	8	65	7	—	—	21	16	21	—
Locking complete plumbing for exclusive use	32	14	18	—	692	—	5	30	161	226	270	—
0.50 or less	19	14	5	—	297	—	5	5	36	33	218	—
0.51 to 1.00	13	—	13	—	372	—	—	15	112	193	52	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	23	—	—	10	13	—	—	—
BEDROOMS												
None	4	—	4	—	911	22	36	59	241	409	144	—
1	517	225	158	134	3 878	238	435	307	1 033	1 347	503	15
2	2 146	1 461	202	483	3 791	374	600	224	642	1 703	138	110
3	4 067	3 881	104	82	866	351	92	61	194	126	24	18
4	1 686	1 667	19	—	283	199	42	10	24	3	—	5
5 or more	359	320	39	—	86	71	5	—	—	10	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	497	354	52	91	2 619	111	219	151	753	999	343	43
\$5,000 to \$9,999	752	525	82	145	2 652	268	288	257	547	1 043	219	30
\$10,000 to \$12,499	520	351	48	121	1 209	158	139	73	282	420	119	18
\$12,500 to \$14,999	430	312	36	82	935	168	145	51	176	360	23	12
\$15,000 to \$19,999	1 108	911	76	121	1 109	206	177	72	229	370	43	12
\$20,000 to \$24,999	1 367	1 220	76	71	586	123	118	21	84	194	19	27
\$25,000 to \$34,999	1 873	1 721	97	55	440	149	78	24	55	97	31	6
\$35,000 to \$49,999	1 384	1 340	31	13	151	40	30	—	8	61	12	—
\$50,000 or more	848	820	28	—	114	32	16	12	—	54	—	—
Median	\$24 023	\$25 468	\$18 155	\$12 345	\$9 197	\$13 847	\$11 763	\$8 300	\$7 670	\$8 734	\$5 822	\$10 139
Mean	\$27 231	\$28 945	\$20 444	\$13 813	\$11 388	\$16 562	\$13 164	\$10 612	\$8 942	\$11 385	\$7 873	\$11 021
SELECTED CHARACTERISTICS												
Heating equipment	8 779	7 554	526	699	9 809	1 255	1 210	655	2 134	3 598	809	148
Steam or hot water system	763	599	164	—	2 932	95	122	195	688	1 512	313	7
Central warm-air furnace or electric heat pump	7 748	6 737	354	657	6 098	1 064	1 068	419	1 244	1 823	348	132
Other built-in electric units	17	6	3	8	408	8	15	30	83	153	114	5
Floor, wall, or pipeless furnace	83	61	—	22	126	28	—	—	58	40	—	—
Other means	168	151	5	12	245	60	5	11	61	70	34	4
Air conditioning	7 472	6 453	421	598	6 634	703	786	286	1 237	2 798	717	107
Central system	4 631	4 183	177	271	2 651	231	281	122	267	1 199	510	41
Vehicles available	8 314	7 228	456	630	7 923	1 165	1 038	490	1 575	2 948	585	122
1	3 374	2 724	258	392	5 487	553	670	399	1 221	2 108	474	62
2 or more	4 940	4 504	198	238	2 436	612	368	91	354	840	111	60
House heating fuel	8 779	7 554	526	699	9 809	1 255	1 210	655	2 134	3 598	809	148
Utility gas	8 454	7 312	518	624	8 097	1 154	1 110	528	1 747	2 817	611	130
Bottled, tank, or LP gas	50	31	5	14	174	11	7	12	30	91	10	13
Electricity	131	110	3	18	1 236	42	71	84	252	599	183	5
Fuel oil, kerosene, etc.	76	33	—	43	241	39	22	25	74	81	—	—
Other	68	68	—	—	61	9	—	6	31	10	5	—
Water heating fuel	8 779	7 554	526	699	9 776	1 255	1 210	661	2 127	3 566	809	148
Utility gas	8 270	7 295	506	469	7 320	1 087	1 126	558	1 577	2 283	563	126
Bottled, tank, or LP gas	58	26	5	27	155	6	19	7	25	68	17	13
Electricity	441	223	15	203	2 223	160	65	96	501	1 177	215	9
Fuel oil, kerosene, etc												

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Iowa City city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	8 779	1 509	2 930	1 612	1 688	756	151	89	44	2.48	24 583
Nonrelatives present	640	—	304	119	121	47	11	26	12	2.63	1 921
ROOMS											
1 to 3 rooms	333	229	49	23	10	22	—	—	—	1.23	566
4 rooms	1 053	407	511	93	34	—	8	—	—	1.73	1 906
5 rooms	1 735	398	748	339	187	47	10	6	—	2.13	4 067
6 rooms	1 665	253	663	328	314	71	21	10	5	2.37	4 385
7 rooms	1 633	153	473	375	416	166	17	25	8	3.01	4 997
8 or more rooms	2 360	69	486	454	727	450	95	48	31	3.74	8 662
Median	6.3	4.8	5.7	6.6	7.2	7.8	8.0	7.7	7.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	8 747	1 500	2 915	1 612	1 684	756	147	89	44	2.49	24 511
1.00 or less	8 655	1 500	2 915	1 604	1 674	734	129	73	26	2.47	24 066
1.01 to 1.50	70	—	—	8	10	—	18	16	18	6.44	337
1.51 or more	22	—	—	—	—	22	—	—	—	5.00	108
Locking complete plumbing for exclusive use	32	9	15	—	4	—	4	—	—	1.97	72
1.00 or less	32	9	15	—	4	—	4	—	—	1.97	72
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	7 554	1 063	2 485	1 444	1 589	716	147	71	39	2.66	22 014
2 or more	526	190	171	60	51	32	4	18	—	1.93	1 230
Mobile home or trailer, etc.	699	256	274	108	48	8	—	—	5	1.84	1 339
VALUE											
Specified owner-occupied housing units	7 085	1 016	2 306	1 338	1 509	692	132	67	25	2.66	20 455
Less than \$10,000	27	11	10	3	3	—	—	—	—	1.75	104
\$10,000 to \$19,999	101	55	31	6	5	4	—	—	—	1.42	230
\$20,000 to \$29,999	262	97	111	24	16	14	—	—	—	1.81	556
\$30,000 to \$39,999	711	282	255	72	54	23	9	16	—	1.79	1 510
\$40,000 to \$49,999	1 047	177	404	219	155	57	30	—	5	2.36	2 733
\$50,000 to \$59,999	1 657	217	571	383	328	122	16	12	8	2.61	4 684
\$60,000 to \$79,999	1 907	131	557	409	533	204	37	24	12	3.15	6 118
\$80,000 to \$99,999	849	33	201	160	280	151	24	—	—	3.61	2 964
\$100,000 to \$149,999	446	13	135	56	103	108	16	15	—	3.68	1 295
\$150,000 or more	78	—	31	6	32	9	—	—	—	3.56	261
Median	\$58 500	\$43 200	\$55 900	\$59 000	\$66 400	\$72 500	\$70 000	\$62 500	\$59 700	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	8 779	1 509	2 930	1 612	1 688	756	151	89	44	2.48	24 583
Median income	\$24 023	\$10 066	\$22 935	\$26 533	\$30 335	\$33 827	\$41 029	\$32 656	\$26 667	...	...
Median selected monthly owner costs as percentage of household income	17.1	24.9	14.4	16.9	17.8	16.6	16.1	21.3	16.3	...	...
With a mortgage	19.2	31.0	18.5	19.4	18.6	17.6	17.4	21.3	16.3	...	...
Not mortgaged	10—	20.0	10—	10—	10—	10—	10—	—	—	...	...
Income in 1979 below poverty level	390	175	101	40	36	15	7	4	12	1.70	...
Median income	\$3 192	\$2 897	\$3 639	\$2500—	\$4 821	\$2500—	\$6 250	\$11 250	\$25 357	...	...
Median selected monthly owner costs as percentage of household income	50+	46.5	49.5	50+	50+	50+	50+	50+	50+	17.5	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	17.5	...
Not mortgaged	43.6	44.3	44.5	—	37.5	—	—	—	—	—	...
Renter-occupied housing units	9 815	4 300	3 407	1 258	594	168	68	14	6	1.68	18 737
Nonrelatives present	2 667	—	1 611	681	286	57	32	—	—	2.33	6 932
ROOMS											
1 room	759	733	26	—	—	—	—	—	—	1.02	774
2 rooms	1 775	1 306	394	42	33	—	—	—	—	1.18	2 337
3 rooms	2 219	1 235	803	123	29	29	—	—	—	1.40	3 403
4 rooms	2 944	694	1 556	560	117	17	—	—	—	2.00	6 124
5 rooms	1 184	274	431	276	181	22	—	—	—	2.24	2 903
6 rooms	477	21	156	119	102	42	23	14	—	3.02	1 584
7 or more rooms	457	37	41	138	132	58	45	—	6	3.59	1 612
Median	3.6	2.6	3.8	4.3	5.2	5.9	7.6	6.0	7.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	9 123	3 690	3 355	1 249	579	162	68	14	6	1.76	17 928
1.00 or less	8 950	3 690	3 336	1 207	527	122	68	—	—	1.74	17 256
1.01 to 1.50	108	—	—	42	29	17	—	14	6	3.91	441
1.51 or more	65	—	19	—	23	23	—	—	—	4.09	231
Locking complete plumbing for exclusive use	692	610	52	9	15	6	—	—	—	1.07	809
1.00 or less	669	610	45	9	5	—	—	—	—	1.05	731
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	23	—	7	—	10	6	—	—	—	3.95	78
UNITS IN STRUCTURE											
1, detached or attached	1 255	237	425	239	220	78	50	—	6	2.42	3 363
2	1 210	480	466	169	66	25	4	—	—	1.77	2 378
3 and 4	661	364	191	66	40	—	—	—	—	1.41	1 115
5 to 9	2 134	1 112	627	204	127	37	14	14	—	.6	3 891
10 to 49	3 598	1 495	1 437	530	123	13	—	—	—	1.71	6 550
50 or more	809	564	181	46	7	11	—	—	—	1.22	1 121
Mobile home or trailer, etc.	148	48	80	4	11	5	—	—	—	1.82	319
GROSS RENT											
Specified renter-occupied housing units	9 764	4 300	3 368	1 249	591	168	68	14	6	1.67	18 623
Less than \$100	421	359	49	6	7	—	—	—	—	1.09	478
\$100 to \$149	754	532	196	11	4	11	—	—	—	1.21	1 048
\$150 to \$199	2 123	1 341	524	176	46	36	—	—	—	1.29	3 279
\$200 to \$249	2 178	1 232	720	96	96	20	14	—	—	1.38	3 491
\$250 to \$299	1 357	355	783	157	58	4	—	—	—	1.91	2 714
\$300 to \$349	1 126	172	618	252	58	6	—	14	6	2.13	2 620
\$350 to \$399	712	148	179	274	82	25	4	—	—	2.61	1 858
\$400 to \$499	676	72	232	186	143	39	4	—	—	2.68	1 852
\$500 or more	243	8	38	51	87	13	46	—	—	3.78	872
No cash rent	174	81	29	40	10	14	—	—	—	1.71	411
Median	\$230	\$195	\$262	\$331	\$363	\$350	\$500+	\$325	\$325	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	9 815	4 300	3 407	1 258	594	168	68	14	6	1.68	18 737
Median income	\$9 197	\$6 010	\$10 943	\$12 500	\$13 460	\$12 202	\$34 333	\$21 250	\$13 750	...	...
Median gross rent as percentage of household income	30.0	34.4	28.1	29.9	29.7	23.8	19.2	17.5	27.5	...	...
Income in 1979 below poverty level	2 968	1 385	912	375	234	55	7	—	—	1.61	...
Median income	\$3 417	\$2500—	\$4 190	\$6 904	\$7 355	\$8 456	\$13 750	—	—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	46 8	28.5	50+	—	—	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Iowa City city		Married-couple families						Male householder, no wife present						Female householder, no husband present					
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age	
Total	8 779	129	1 830	1 367	2 006	714	135	331	107	183	132	88	313	219	544	681	44.2		
Owner-occupied housing units																			
1 person	1 509	—	516	112	871	—	82	139	73	107	85	31	160	56	283	493	58.4		
2 persons	2 930	73	43	547	221	436	97	43	132	48	33	50	86	66	147	124	55.5		
3 persons	1 612	—	559	613	401	—	7	30	13	8	6	7	38	49	119	41	38.8		
4 persons	1 688	8	169	308	213	9	—	14	5	10	—	—	7	28	19	19	6		
5 persons	756	5	39	113	85	—	8	—	5	—	—	—	8	19	17	17	40.3		
6 or more persons	284	—	323	4,07	2,80	—	1,32	1,70	1,23	1,36	1,28	1,76	1,48	2,31	1,46	1,19	43.1		
Median	2,48	2,38	6 080	5 683	6 193	1 583	1,78	694	1,55	293	238	156	550	540	944	957	... ... ... ... ... ... ...	
Total persons	24 583	339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use																			
1.01 or more persons per room	8 747	129	1 830	1 367	2 001	714	135	331	107	183	118	88	313	215	544	672	44.1		
Lacking complete plumbing for exclusive use	92	—	19	34	23	5	—	—	8	—	—	—	—	8	—	—	41.7		
1.01 or more persons per room	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75.8		
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified owner-occupied housing units	7 085	24	1 576	1 269	1 769	616	46	199	57	132	99	23	209	145	392	529	45.0		
With a mortgage	4 978	19	1 545	1 217	1 139	83	46	186	44	89	20	18	201	132	185	54	38.2		
Less than 15 percent	1 545	—	203	444	715	23	—	49	21	28	—	—	5	24	33	—	45.4		
15 to 19 percent	1 125	—	326	336	233	21	—	38	14	38	—	—	32	29	58	—	—		
20 to 24 percent	766	—	321	234	98	—	—	22	5	8	8	—	29	12	12	3	35.3		
25 to 29 percent	556	8	293	107	15	15	7	—	7	—	11	—	35	17	29	6	32.7		
30 to 34 percent	390	—	196	46	36	26	—	8	—	8	—	7	8	12	41	9	33.1		
35 percent or more	579	11	206	50	42	7	15	44	4	—	12	7	83	21	36	33.0	—		
Not computed	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34.2		
Median	19.2	50+	23.8	17.4	13.5	19.4	—	32.5	21.4	15.4	17.2	37.0	29.1	29.7	21.8	20.6	44.3		
Not mortgaged	2 107	5	31	52	630	533	—	13	13	43	79	5	8	13	207	475	65.5		
Less than 10 percent	1 062	3	13	52	509	288	—	10	10	12	48	—	—	—	77	50	60.9		
10 to 14 percent	360	—	6	—	49	89	—	—	—	13	6	—	—	—	79	118	66.8		
15 to 19 percent	205	—	6	—	22	63	—	3	—	9	—	—	8	—	11	83	72.4		
20 to 24 percent	153	—	—	—	20	39	—	—	—	10	—	—	—	—	18	66	67.9		
25 to 29 percent	82	2	—	—	12	12	—	—	8	—	—	—	8	—	—	36	68.9		
30 to 34 percent	61	—	—	—	12	12	—	—	—	4	—	5	—	—	10	34	76.6		
35 percent or more	159	—	—	—	18	24	—	—	—	7	18	—	—	5	12	75	75.1		
Not computed	25	—	6	—	6	—	—	—	—	—	—	—	—	—	—	13	75.2	—	
Median	10—	10—	10—	10—	10—	10—	—	10—	12.5	21.7	10—	—	32.5	17.5	29.1	11.7	18.8	...	
Renter-occupied housing units	9 815	527	1 274	192	202	116	1 788	1 370	119	86	71	1 689	1 390	211	289	491	26.6		
PERSONS IN UNIT																			
1 person	4 300	—	426	776	40	—	95	106	908	102	60	64	699	765	144	202	449	27.4	
2 persons	3 407	—	74	291	33	48	—	536	297	4	19	7	605	399	26	47	24	25.6	
3 persons	1 258	—	22	167	69	12	—	90	88	6	7	—	281	137	6	40	11	25.6	
4 persons	594	—	5	27	32	18	—	12	44	7	—	—	87	79	28	—	7	28.4	
5 persons	168	—	13	18	29	—	—	17	—	—	—	—	6	11	—	—	—	29.7	
6 or more persons	88	—	2,12	3,23	3,83	2,63	2,05	1,49	1,25	1,08	—	—	1,05	1,74	1,41	—	—	38.8	
Median	1,68	1,213	3 438	735	608	228	3 160	2 211	194	92	79	3 129	2 355	350	350	394	551	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																			
Complete plumbing for exclusive use																			
1.01 or more persons per room	9 123	527	6	1 269	187	202	116	1 504	1 223	77	80	61	1 586	1 312	211	277	491	26.7	
Lacking complete plumbing for exclusive use	173	—	5	5	—	—	—	—	14	33	—	—	6	103	78	—	—	31.3	
1.01 or more persons per room	692	—	—	—	—	—	—	—	284	147	—	—	7	103	16	—	—	24.4	
Total persons	23	—	—	—	—	—	—	—	7	—	—	—	—	—	—	—	—	26.4	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																			
Specified renter-occupied housing units	9 764	527	55	212	36	49	187	113	1 788	1 370	119	86	71	1 689	1 369	211	289	491	26.5
Less than 15 percent	983	1 281	101	250	48	40	5	28	86	207	34	42	7	61	71	13	44	38	29.3
15 to 19 percent	313	114	252	16	42	19	119	221	13	28	12	12	5	159	202	23	32	42	28.1
20 to 24 percent	1 077	39	171	13	11	5	142	143	—	—	13	9	14	178	183	12	67	72	27.6
25 to 29 percent	633	65	101	—	22	103	10	435	89	13	17	75	108	40	17	—	17	26.7	
30 to 34 percent	1 575	68	118	25	14	10	10	184	20	17	6	304	227	36	50	61	24.9	23.9	
35 to 49 percent	2 450	79	140	20	8	678	14	241	14	17	5	768	236	56	23	174	174	...	
50 percent or more	452	6	24	28	31	16	92	44.0	25.3	22.5	7	44	46.5	20.6	24.6	37	37	28.8	
Not computed	30.0	24.6	23.2	19.5	18.6	24.1	—	—	—	—	—	—	—	—	—	—	27.1	36.4	...

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Iowa City city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 509	486	82	139	73	107	85	1 023	31	160	56	283	493
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 500	482	82	139	73	107	81	1 018	31	160	56	283	488
Locking complete plumbing for exclusive use	9	4	—	—	—	—	4	5	—	—	—	—	5
UNITS IN STRUCTURE													
1, detached or attached	1 063	296	31	74	40	81	70	767	7	89	41	239	391
2 or more	190	52	10	10	—	21	11	138	4	7	7	25	95
Mobile home or trailer, etc.	256	138	41	55	33	5	4	118	20	64	8	19	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	330	101	23	20	5	11	42	229	4	21	7	16	181
\$5,000 to \$9,999	419	89	8	37	7	25	12	330	21	30	16	76	187
\$10,000 to \$12,499	208	48	22	7	7	—	12	160	6	57	15	32	50
\$12,500 to \$14,999	146	27	7	7	6	—	—	119	—	32	—	29	58
\$15,000 to \$19,999	192	118	7	53	14	38	6	74	—	13	7	48	6
\$20,000 to \$24,999	114	59	15	15	19	4	6	55	—	—	11	44	—
\$25,000 to \$34,999	65	26	—	—	7	19	—	39	—	7	—	21	11
\$35,000 to \$49,999	25	18	—	—	7	4	7	7	—	—	7	—	—
\$50,000 or more	10	—	—	—	—	—	—	10	—	—	—	10	—
Median	\$10 066	\$12 963	\$11 136	\$14 464	\$18 750	\$16 250	\$7 604	\$9 337	\$8 304	\$11 272	\$10 833	\$14 009	\$6 530
Mean	\$11 731	\$13 525	\$10 927	\$12 471	\$18 501	\$15 982	\$10 390	\$10 878	\$8 090	\$11 279	\$12 283	\$16 478	\$7 549
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 016	284	31	74	40	69	70	732	7	89	41	204	391
With a mortgage	449	199	31	71	33	44	20	250	7	81	33	81	48
Less than \$200	59	18	—	3	7	—	8	41	—	5	—	17	19
\$200 to \$249	49	20	—	7	—	8	5	29	—	—	7	14	8
\$250 to \$299	73	29	15	—	7	—	7	44	—	18	8	12	6
\$300 to \$349	61	36	8	7	7	14	—	25	—	7	11	7	7
\$350 to \$399	48	14	—	—	—	14	—	34	—	16	5	13	—
\$400 to \$499	115	59	—	39	12	8	—	56	—	42	6	8	—
\$500 to \$599	21	15	8	7	—	—	—	6	—	—	6	—	—
\$600 to \$749	15	8	—	8	—	—	—	7	7	—	—	—	—
\$750 or more	8	—	—	—	7	—	8	—	—	—	—	8	—
Median	\$336	\$345	\$303	\$468	\$318	\$350	\$220	\$322	\$675	\$403	\$311	\$290	\$231
Not mortgaged	567	85	—	3	7	25	50	482	—	8	8	123	343
Less than \$50	3	3	—	3	—	—	—	—	—	—	—	—	—
\$50 to \$74	22	13	—	—	—	—	13	9	—	—	4	5	5
\$75 to \$99	72	8	—	—	—	—	8	64	—	—	8	56	—
\$100 to \$124	178	29	—	—	—	18	11	149	—	—	8	34	107
\$125 to \$149	110	5	—	—	—	—	5	105	—	—	31	74	—
\$150 to \$199	127	13	—	—	—	7	6	114	—	8	—	28	78
\$200 to \$249	30	—	—	—	—	—	—	30	—	—	12	18	—
\$250 or more	25	14	—	—	7	—	7	11	—	—	6	5	—
Median	\$127	\$116	—	\$50—	\$250+	\$117	\$109	\$130	—	\$175	\$113	\$138	\$126
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	24.9	27.1	30.3	33.8	14.6	23.8	24.4	23.9	50+	36.9	26.6	14.7	24.1
With a mortgage	31.0	28.9	30.3	34.1	15.9	20.6	37.0	34.2	50+	37.6	24.3	23.2	48.6
Not mortgaged	20.0	22.2	—	17.5	12.5	26.6	18.3	19.7	—	17.5	27.5	12.6	22.3
Income in 1979 below poverty level	175	63	17	13	5	6	22	112	4	14	7	7	80
Percent below poverty level	11.6	13.0	20.7	9.4	6.8	5.6	25.9	10.9	12.9	8.8	12.5	2.5	16.2
Renter-occupied housing units	4 300	2 041	907	908	102	60	64	2 259	699	765	144	202	449
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 690	1 585	651	766	60	54	54	2 105	603	719	144	190	449
Locking complete plumbing for exclusive use	610	456	256	142	42	6	10	154	96	46	—	12	—
UNITS IN STRUCTURE													
1, detached or attached	237	91	15	69	—	—	7	146	41	65	7	17	16
2	480	194	92	79	13	10	—	286	47	85	41	51	62
3 and 4	364	155	34	100	6	5	10	709	62	93	28	7	19
5 to 9	1 112	528	239	234	41	5	9	584	182	200	41	29	132
10 to 49	1 495	718	303	338	21	23	33	777	257	252	20	68	180
50 or more	564	325	212	70	21	17	5	239	92	70	7	30	40
Mobile home or trailer, etc.	48	30	12	18	—	—	—	18	18	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 855	931	573	289	21	5	43	924	403	187	24	63	247
\$5,000 to \$9,999	1 165	589	187	323	42	23	14	576	188	200	54	35	99
\$10,000 to \$12,499	494	189	73	95	12	9	—	305	69	146	21	24	45
\$12,500 to \$14,999	307	85	20	51	7	—	7	222	20	133	5	43	21
\$15,000 to \$19,999	312	151	28	118	—	5	—	161	13	84	21	11	32
\$20,000 to \$24,999	91	64	13	19	20	12	—	27	—	6	12	9	—
\$25,000 to \$34,999	48	14	7	7	—	—	—	34	—	9	7	13	5
\$35,000 to \$49,999	16	12	—	6	—	6	—	4	—	—	4	—	—
\$50,000 or more	12	6	6	—	—	—	—	6	6	—	—	—	—
Median	\$6 010	\$5 542	\$4 052	\$7 194	\$7 143	\$10 556	\$4 214	\$6 621	\$4 231	\$9 912	\$8 846	\$10 313	\$4 730
Mean	\$7 832	\$7 096	\$5 444	\$8 194	\$9 076	\$14 055	\$5 240	\$8 497	\$7 859	\$9 311	\$10 308	\$10 691	\$6 535
GROSS RENT													
Specified renter-occupied housing units	4 300	2 041	907	908	102	60	64	2 259	699	765	144	202	449
Less than \$100	359	157	37	70	21	—	29	202	19	18	9	29	127
\$100 to \$149	532	346	187	120	21	5	13	186	93	54	12	6	21
\$150 to \$199	1 341	776	407	295	34	33	7	565	273	204	28	12	48
\$200 to \$249	1 232	434	161	237	20	16	—	798	247	346	56	64	85
\$250 to \$299	355	179	52	113	—	6	8	176	32	81	6	6	51
\$300 to \$349	172	65	25	34	6	—	—	107	7	30	11	27	32
\$350 to \$399	148	55	26	29	—	—	—	93	3	16	—	38	36
\$400 to \$499	72	10	—	10	—	—	—	62	6	9	22	9	16
\$500 or more	8	—	—	—	—	—	—	8	—	—	—	8	—
No cash rent	81	19	12	—	—	—	—	7	62	19	7	11	25
Median	\$195	\$180	\$171	\$196	\$163	\$190	\$79	\$207	\$188	\$211	\$221	\$238	\$213
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	34.4	36.8	47.9	27.9	20.4	23.9	25.7	32.3	50+	27.1	32.7	27.2	37.5
Income in 1979 below poverty level	1 385	725	424	248	21	5	27	660	336	128	24	57	115
Percent below poverty level	32.2	35.5	46.7	27.3	20.6	8.3	42.2	29.2	48.1	16.7	28.2	25.6	—

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Iowa City city

Vacant for sale only housing units

ROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
1 to 3 rooms	93	53	3	37
4 rooms	17	—	3	14
5 rooms	16	16	—	—
6 rooms	—	—	—	—
7 rooms	53	37	—	16
8 or more rooms	7	—	—	7
Median	5.8	5.8	2.0	5.8

PLUMBING FACILITIES

	Total	Less than 2 months	2 up to 6 months	6 or more months
Complete plumbing for exclusive use	93	53	3	37
Lacking complete plumbing for exclusive use	—	—	—	—

BEDROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
None	—	—	—	—
1	17	—	3	14
2	19	19	—	—
3	40	17	—	23
4	17	17	—	—
5 or more	—	—	—	—

YEAR STRUCTURE BUILT

	Total	Less than 2 months	2 up to 6 months	6 or more months
1975 to March 1980	44	32	—	12
1970 to 1974	25	18	—	7
1960 to 1969	12	—	—	12
1950 to 1959	3	—	3	—
1940 to 1949	—	—	—	6
1939 or earlier	9	3	—	—

UNITS IN STRUCTURE

	Total	Less than 2 months	2 up to 6 months	6 or more months
1, detached or attached	71	34	—	37
2 or more	3	3	—	—

Mobile home or trailer

	Total	Less than 2 months	2 up to 6 months	6 or more months
Mobile home or trailer	19	16	3	—

HEATING EQUIPMENT

	Total	Less than 2 months	2 up to 6 months	6 or more months
Central heating system	84	44	3	37
Other means	9	9	—	—
None	—	—	—	—

PRICE ASKED

	Total	Less than 2 months	2 up to 6 months	6 or more months
Specified vacant for sale only housing units	71	34	—	37
Less than \$10,000	—	—	—	—
\$10,000 to \$19,999	—	—	—	—
\$20,000 to \$29,999	2	—	—	—
\$30,000 to \$39,999	—	—	—	—
\$40,000 to \$49,999	4	—	—	—
\$50,000 to \$59,999	36	17	—	19
\$60,000 to \$79,999	25	13	—	12
\$80,000 to \$99,999	—	—	—	—
\$100,000 or more	4	4	—	—
Median	\$59 100	\$62 500	—	\$58 300

Iowa City city

Vacant for rent housing units

ROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
1 room	435	254	113	68
2 rooms	—	—	—	5
3 rooms	95	75	8	12
4 rooms	88	30	18	40
5 rooms	192	107	82	3
6 rooms	18	18	—	—
7 or more rooms	13	—	5	8
Median	3.5	3.4	3.9	2.9

PLUMBING FACILITIES

	Total	Less than 2 months	2 up to 6 months	6 or more months
Complete plumbing for exclusive use	390	230	105	55
Lacking complete plumbing for exclusive use	45	24	8	13

BEDROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
None	29	24	—	5
1	178	99	27	52
2	207	123	81	3
3	13	8	5	—
4	8	—	—	8
5 or more	—	—	—	—

YEAR STRUCTURE BUILT

	Total	Less than 2 months	2 up to 6 months	6 or more months
1975 to March 1980	64	24	30	10
1970 to 1974	9	9	—	—
1960 to 1969	239	178	49	12
1950 to 1959	7	—	4	3
1940 to 1949	15	6	7	2
1939 or earlier	101	37	23	41

UNITS IN STRUCTURE

	Total	Less than 2 months	2 up to 6 months	6 or more months
1, detached or attached	21	4	9	8
2	47	8	11	28
3 and 4	18	16	—	2
5 to 9	68	25	35	8
10 to 49	238	174	50	14
50 or more	16	—	8	8
Mobile home or trailer	27	27	—	—

RENT ASKED

	Total	Less than 2 months	2 up to 6 months	6 or more months
Specified vacant for rent housing units	430	254	108	68
Less than \$100	19	10	—	9
\$100 to \$149	12	10	—	2
\$150 to \$199	148	102	28	18
\$200 to \$249	53	8	9	36
\$250 to \$299	103	94	9	—
\$300 to \$399	40	26	11	3
\$400 or more	55	4	51	—
Median	\$238	\$241	\$386	\$216

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/
Nonhouseholder

Group

1 Householder
2 Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group

White Race
Persons of Spanish Origin

Male

1 0 to 4 years of age
2 5 to 14 years of age
3 15 to 19 years of age
4 20 to 24 years of age
5 25 to 34 years of age
6 35 to 44 years of age
7 45 to 64 years of age
8 65 years of age or older

Female

9-16 Same age categories as groups 1 to 8

Persons Not of Spanish Origin

17-32 Same age and sex categories as groups 1 to 16

Black Race

33-64 Same age-sex-Spanish origin categories as groups 1 to 32

Asian, Pacific Islander Race

65-96 Same age-sex-Spanish origin categories as groups 1 to 32

American Indian, Eskimo, or Aleut Race

97-128 Same age-sex-Spanish origin categories as groups 1 to 32

Other Race (includes those races not listed above)

129-160 Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group Housing Units With a Family With Own Children Under 18

1 2 persons in housing unit
2 3 persons in housing unit
3 4 persons in housing unit
4 5 to 7 persons in housing unit
5 8 or more persons in housing unit

Housing Units With a Family Without Own Children Under 18

6-10 2 persons in housing unit through 8 or more persons in housing unit

All Other Housing Units

11 1 person in housing unit
12-16 2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group Owner

White Race (householder)
Persons of Spanish Origin (householder)

Value of House
1 \$0 to \$9,999
2 \$10,000 to \$19,999
3 \$20,000 to \$24,999
4 \$25,000 to \$49,999
5 \$50,000 to \$99,999
6 \$100,000 to \$149,999
7 \$150,000+
8 Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	
	<i>Black Race</i>	
17-32	Same value—Spanish origin categories as groups 1 to 16	
	<i>Asian, Pacific Islander Race</i>	
33-48	Same value—Spanish origin categories as groups 1 to 16	
	<i>American Indian, Eskimo, or Aleut Race</i>	
49-64	Same value—Spanish origin categories as groups 1 to 16	
	<i>Other Race (includes those races not listed above)</i>	
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin</i>	
	<i>Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

169-190	<i>Other Race (includes those races not listed above)</i>
	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedure would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage 1/														
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000		
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.2	0.2	0.2	0.2
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.2	0.2	0.2
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.2	0.2	0.2
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.2	0.2	0.2
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.2	0.2	0.2
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	0.2	0.2

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	1.0	0.5
Tenure.....	1.0	1.0	0.5
Units in structure.....	1.1	1.1	0.5
Stories in structure.....	0.9	0.9	0.4
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.0	0.9	0.5
Vehicles available.....	1.0	1.0	0.5
Gross rent and contract rent.....	1.0	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.0	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	1.0	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Iowa City city-----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	31 583	19.2
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	19 235	15.9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark A **public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer Yes *only* if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28– H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

H30– H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
 Work in own business, professional practice, or farm.
 Any work in a family business or farm, paid or not.
 Any part-time work including babysitting, paper routes, etc.
 Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.
 Unpaid volunteer work.
 Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this official Census Form and mail it back on Census Day, Tuesday, April 1, 1980

<p>If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:</p> 					
DO	A1	A2	A4	A5	A6
<p>L</p>					

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario por correo en el sobre que se le incluye.

1980 Census of the United States

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

Make sure that answers are prov 'ed for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

Please start by answering Question 1 below

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital
- Any person staying or visiting here who has a usual home elsewhere

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box

Then please

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1	PERSON in column 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<p><u>START</u> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</p>	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister	If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
3. Sex Fill one circle.	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
4. Is this person — Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify Print tribe →																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. 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6. Marital status Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
10. Did this person finish the highest grade (or year) attended? Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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→ NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD

PERSON in column 7	
Last name	
First name	Middle initial
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male	<input checked="" type="checkbox"/> Female
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <i>Print tribe</i> →	
a. Age at last birthday	c. Year of birth
1	1 8 0 0 0 0
b. Month of birth	
1 ● 8 0 0 0 0	1 0 1 0 1 0
<input type="radio"/> Jan.—Mar.	2 0 2 0
<input type="radio"/> Apr.—June	3 0 3 0
<input type="radio"/> July—Sept.	4 0 4 0
<input type="radio"/> Oct.—Dec.	5 0 5 0
6 0 6 0	7 0 7 0
8 0 8 0	9 0 9 0
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> ○ ○ ○ ○ ○	<input type="radio"/> ○ ○ ○ ○ ○
College (academic year)	
1 2 3 4 5 6 7 8 or more	
<input type="radio"/> ○ ○ ○ ○ ○ ○ ○	
Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year)	
<input type="radio"/> Finished this grade (or year)	
<input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	
A. <input type="radio"/> I <input type="radio"/> O N <input type="radio"/> O O	

If you listed more than 7 persons in Question 1, please see note on page 20.					
H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?					
<input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No					
H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?					
<input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No					
H3. Is anyone visiting here who is not already listed?					
<input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No					
H4. How many living quarters, occupied and vacant, are at this address?					
<input type="radio"/> One <input checked="" type="checkbox"/> <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer					
H5. Do you enter your living quarters —					
<input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?					
H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?					
<input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters					
H7. How many rooms do you have in your living quarters?					
Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.					
<input type="radio"/> 1 room <input checked="" type="checkbox"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms					
H8. Are your living quarters —					
<input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?					
FOR CENSUS USE ONLY					
A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	E. Total persons
0 0 0	0 0 0 0	Occupied	C1. Is this unit for —		
I I I	I I I I	<input type="radio"/> First form <input type="radio"/> Continuation	<input type="radio"/> Year round use <input type="radio"/> Seasonal/Migr. — Skip C2, C3, and D.		
2 2 2	2 2 2 2	Vacant			
3 3 3	3 3 3 3	<input type="radio"/> Regular <input type="radio"/> Usual home elsewhere	<input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant		
4 4 4	4 4 4 4	Group quarters	C2. Vacancy status		
5 5 5	5 5 5 5	<input type="radio"/> First form <input type="radio"/> Continuation	C3. Is this unit boarded up?		
6 6 6	6 6 6 6		<input type="radio"/> Yes <input type="radio"/> No		
7 7 7	7 7 7 7				
8 8 8	8 8 8 8				
9 9 9	9 9 9 9				
E. Indicators 1. <input type="radio"/> <input type="radio"/> Mail return 2. <input type="radio"/> <input type="radio"/> Pop./F					

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.</p>		<p>H21a. Which fuel is used most for house heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for water heating?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for cooking?</p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>	
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p><input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories</p>		<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i></p> <p>b. Gas</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i></p> <p>c. Water</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.</p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i></p>	
<p>H15a. Is this building —</p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?</p>		<p>H23. Do you have complete kitchen facilities? <i>Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</i></p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p>	
<p>H16. Do you get water from —</p> <p><input type="radio"/> A public system (<i>city water department, etc.</i>) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (<i>a spring, creek, river, cistern, etc.</i>)?</p>		<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms</p>	
<p>H17. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>		<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms</p>	
<p>H18. About when was this building originally built? <i>Mark when the building was first constructed, not when it was remodeled, added to, or converted.</i></p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 <input checked="" type="checkbox"/></p>		<p>H26. Do you have a telephone in your living quarters?</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No <input checked="" type="checkbox"/></p>	
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969</p>		<p>H27. Do you have air conditioning?</p> <p><input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No</p>	
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here.)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (<i>not portable</i>) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment</p>		<p>H28. How many automobiles are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles</p>	
		<p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p><input type="radio"/> None <input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks</p>	

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — *Skip to page 6*

b. Do you have a second or junior mortgage on this property?

Yes No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ 00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

Yes, taxes included in payment

No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

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Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

ANSWER THESE QUESTIONS FOR

<p>Name of Person 1 on page 2:</p> <p>Last name First name Middle initial</p> <p>11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</p> <p>Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <p>12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents </p> <p>b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950 </p> <p>c. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — <i>Skip to 14</i> </p> <p>(For example — Chinese, Italian, Spanish, etc.)</p> <p>d. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all </p> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see Instruction guide. (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.) </p> <p>15a. Did this person live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there. <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i> <input type="radio"/> Yes, this house — <i>Skip to 16</i> <input type="radio"/> No, different house </p> <p>b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country, Puerto Rico, Guam, etc. (2) County: _____ (3) City, town, village, etc.: _____ (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area </p>			<p>16. When was this person born? <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input checked="" type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i> </p> <p>17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No </p> <p>b. Attending college? <input type="radio"/> Yes <input type="radio"/> No </p> <p>c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time </p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? If service was in National Guard or Reserves only, see instruction guide. <input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 19</i> </p> <p>b. Was active-duty military service during — Fill a circle for each period in which this person served. <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964—April 1975) <input type="radio"/> February 1955—July 1964 <input type="radio"/> Korean conflict (June 1950—January 1955) <input type="radio"/> World War II (September 1940—July 1947) <input type="radio"/> World War I (April 1917—November 1918) <input type="radio"/> Any other time </p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</p> <p>a. <u>Limits</u> the kind or amount of work this person can do at a job? . . . <input type="radio"/> Yes <input type="radio"/> No b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No c. <u>Limits or prevents</u> this person from using public transportation? . . . <input type="radio"/> Yes <input type="radio"/> No </p> <p>20. If this person is a female — None 1 2 3 4 5 6 How many babies has she ever had, not counting stillbirths? Do not count her stepchildren or children she has adopted. 7 8 9 10 11 12 or More </p> <p>21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once </p> <p>b. Month and year of marriage? Month and year of first marriage? (Month) (Year) (Month) (Year) </p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No </p>			<p>22a. Did this person work at any time last week? <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i> <input checked="" type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i> </p> <p><i>Skip to 25</i></p> <p>b. How many hours did this person work last week (at all jobs)? Subtract any time off; add overtime or extra hours worked. Hours _____ </p> <p>23. At what location did this person work last week? If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see instruction guide.</p> <p>a. Address (Number and street) _____</p> <p>If street address is not known, enter the building name, shopping center, or other physical location description.</p> <p>b. Name of city, town, village, borough, etc. _____</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area </p> <p>d. County _____</p> <p>e. State _____ f. ZIP Code _____</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)? Minutes _____</p> <p>b. How did this person usually get to work last week? If this person used more than one method, give the one usually used for most of the distance. <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — <i>Specify</i> _____ </p> <p>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</p>		
FOR CENSUS USE ONLY								
Per. No. 11. <input checked="" type="checkbox"/> 13b. 14. <input checked="" type="checkbox"/>	15b. 23. <input checked="" type="checkbox"/> VL		24a. 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00					

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

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<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — Skip to 28 <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p>After answering 24d, skip to 28.</p> <p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p><input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc <input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No — Skip to 27</p> <p>b. Could this person have taken a job last week?</p> <p><input type="radio"/> No, already has a job <input checked="" type="radio"/> <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1969 or earlier <input type="radio"/> Never worked Skip to 31d <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977</p> <p>28–30. Current or most recent job activity</p> <p>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this? Describe the activity at location where employed.</p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/> Retail trade Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions ... <input checked="" type="radio"/> Federal government employee <input type="radio"/> State government employee <input type="radio"/> Local government employee (city, county, etc.) <input type="radio"/> Self-employed in own business, professional practice, or farm — Own business not incorporated <input type="radio"/> Own business incorporated <input type="radio"/> Working without pay in family business or farm <input type="radio"/></p>			<p>CENSUS USE</p> <p>21b.</p> <p>I 1 1 0 1 1 II 3 3 0 0 0 III 5 5 0 0 0 IV 7 7 0 0 0</p> <p>22b.</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p> <p>28</p> <p>A B C D E F G H J K L M N P Q R S T U V W X Y Z</p> <p>AF NW</p> <p>29.</p> <p>I 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p> <p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> <input type="radio"/> No — Skip to 31d</p> <p>b. How many weeks did this person work in 1979? Count paid vacation, paid sick leave, and military service.</p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32a.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32b.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32c.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32d.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32e.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32f.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32g.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>33.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> <input type="radio"/> No — Skip to 31d</p> <p>b. How many weeks did this person work in 1979? Count paid vacation, paid sick leave, and military service.</p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32a.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32b.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32c.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32d.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32e.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32f.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>32g.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p> <p>33.</p> <p>0 0 0 0 0 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9</p>		
<p>33. What was this person's total income in 1979? Add entries in questions 32a through g; subtract any losses. \$.00</p> <p>If total amount was a loss, write "Loss" above amount. OR <input type="radio"/> None</p>						

→ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

Appendix F.—Publication and Computer Tape Program

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

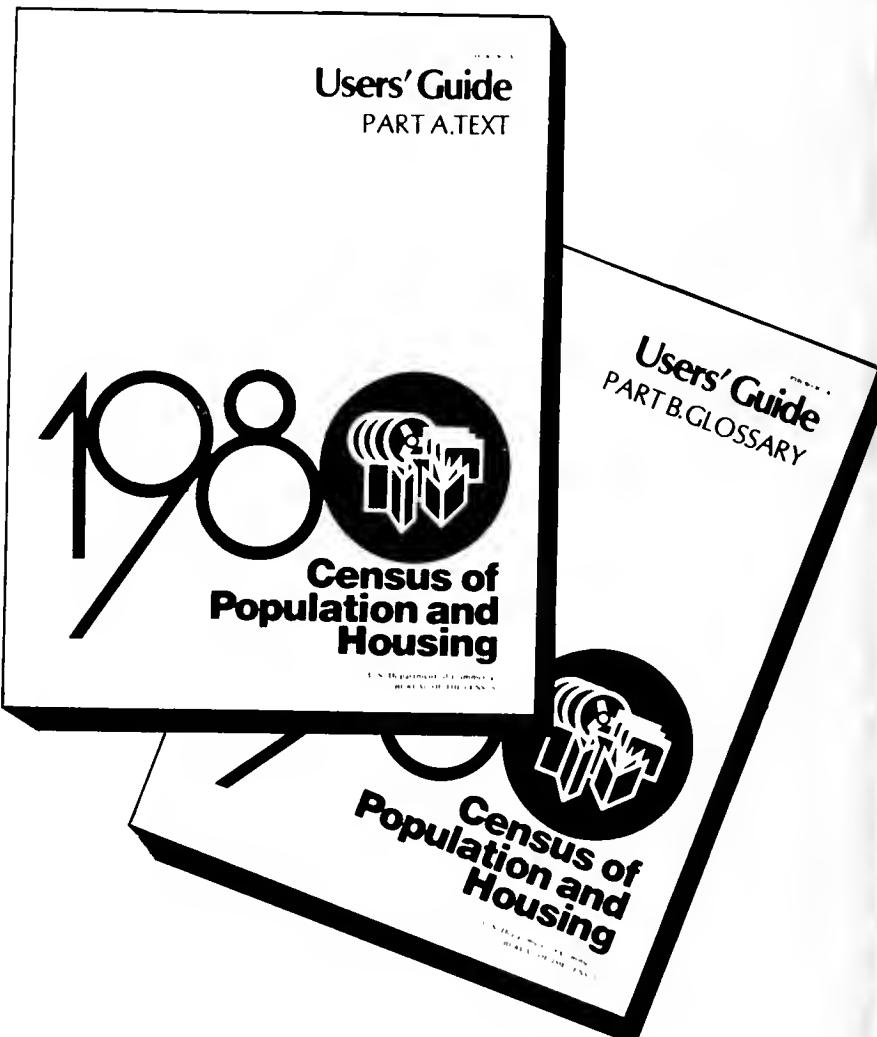
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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